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Castro FFM (*see* Santos et al). 2011;128:1367-9 (Letter to the Editor)
Castro M (*see* Moore et al). 2011;128:328-36
Castro M, Fain SB, Hoffman EA, Gierada DS, Erzurum SC, Wenzel S. Lung imaging in asthmatic patients: The picture is clearer. 2011;128:467-78
Cattaert T (*see* Gevaert et al). 2011;128:989-95
Caubet J-C, Eigenmann PA. Reply. 2011;128:429-30 (Correspondence)
Caubet J-C, Nowak-Węgrzyn A. Food protein–induced enterocolitis to hen's egg. 2011;128:1386-8
Cavazzana-Calvo M (*see* Lagresle-Peyrou et al). 2011;128:230-2 (Letter to the Editor)
Cecconi M (*see* Passerini et al). 2011;128:1376-9 (Letter to the Editor)
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Ceuppens JL (*see* Bullens et al). 2011;128:234-7 (Letter to the Editor)
Chaaban MR (*see* Vishwanath et al). 2011;128:219-21 (Letter to the Editor)
Chakravarty SD, Yee AF, Paget SA. Rituximab successfully treats refractory chronic autoimmune urticaria caused by IgE receptor autoantibodies. 2011;128:1354-5 (Letter to the Editor)
Chambost H (*see* Barlogis et al). 2011;128:420-2 (Letter to the Editor)
Chandra RK (*see* Poposki et al). 2011;128:73-81
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Chen B (*see* Lai et al). 2011;128:1207-15
Chen E, Strunk RC, Trethewey A, Schreier HMC, Maharaj N, Miller GE. Resilience in low-socioeconomic-status children with asthma: Adaptations to stress. 2011;128: 970-6
Chen E. Life-course models of how the social environment affects childhood respiratory risk. 2011;128:346-7 (Editorial)
Chen H-C (*see* Albrecht et al). 2011;128:168-77
Chen J-K (*see* Ko et al). 2011;128:1266-76
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Cipolli M (*see* Passerini et al). 2011;128:1376-9 (Letter to the Editor)
Civaj V (*see* Twaroch et al). 2011;128:178-84
Clark S, Page E, Ford T, Metcalf R, Pozniak A, Nelson M, Henderson DC, Asboe D, Gotch F, Gazzard BG, Kelleher P. Reduced T_H1/T_H17 CD4 T-cell numbers are associated with impaired purified protein derivative–specific cytokine responses in patients with HIV-1 infection. 2011;128:838-46
Clarke AE (*see* Soller et al). 2011;128:426-8 (Letter to the Editor)
Clausen BE (*see* Schwarz et al). 2011;128:826-33
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Collins RA, Parsons F, Deverell M, Hollams EM, Holt PG, Sly PD. Risk factors for bronchial hyperresponsiveness in teenagers differ with sex and atopic status. 2011;128: 301-7
Collison A, Mattes J, Plank M, Foster PS. Inhibition of house dust mite–induced allergic airways disease by antagonism of microRNA-145 is comparable to glucocorticoid treatment. 2011;128:160-7
Conley DB (*see* Poposki et al). 2011;128:73-81
Conley DB (*see* Tan et al). 2011;128:1198-206
Conner E (*see* Saini et al). 2011;128:567-73
Cookson W, Moffatt M, Strachan DP. Genetic risks and childhood-onset asthma. 2011;128:266-70
Cookson WO (*see* Renz et al). 2011;128:S27-49
Coorevits L (*see* Bullens et al). 2011;128:234-7 (Letter to the Editor)
Cordebar V (*see* Hasdenteufel et al). 2011;128:1356-7 (Letter to the Editor)
Corrigan CJ, Wang W, Meng Q, Fang C, Eid G, Caballero MR, Lv Z, An Y, Wang Y-H, Liu Y-J, Kay AB, Lee TH, Ying S. Allergen-induced expression of IL-25 and IL-25 receptor in atopic asthmatic airways and late-phase cutaneous responses. 2011;128:116-24
Côté F (*see* Schneider et al). 2011;128:864-71
Coull BA (*see* Sternthal et al). 2011;128:337-45
Couturier J (*see* Micol et al). 2011;128:382-9
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Cox AL (*see* Kattan et al). 2011;128:435 (Correspondence)
Cox AL (*see* Lieberman et al). 2011;128:1120-2 (Letter to the Editor)
Cox L, Lieberman P, Wallace D, Simons FER, Finegold I, Platts-Mills T, Schwartz L. American Academy of Allergy, Asthma & Immunology/American College of Allergy, Asthma & Immunology Omalizumab-Associated Anaphylaxis Joint Task Force follow-up report. 2011;128:210-2 (Letter to the Editor)
Cramer C (*see* Filipiak-Pittroff et al). 2011;128:1235-41
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Cremin C (*see* Xiao et al). 2011;128:549-56
Crook M (*see* Prescott et al). 2011;128:886-7 (Letter to the Editor)
Cruse G, Singh SR, Duffy SM, Doe C, Saunders R, Brightling CE, Bradding P. Functional $K_{Ca}3.1$ K^+ channels are required for human fibrocyte migration. 2011;128:1303-9
Cuesta RA (*see* Lucendo et al). 2011;128:1037-46

Cunningham-Rundles C (*see* Rachid et al). 2011;128:228-30 (Letter to the Editor)
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Curran-Everett D (*see* Moore et al). 2011;128:328-36
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Dahinden CA (*see* Gentinetta et al). 2011;128:1227-34
Dahl R (*see* Blaiss et al). 2011;128:430-2 (Correspondence)
Dalal J (*see* Marcus et al). 2011;128:1050-7
Dall'Antonia F, Gieras A, Devanaboyina SC, Valenta R, Keller W. Prediction of IgE-binding epitopes by means of allergen surface comparison and correlation to cross-reactivity. 2011;128:872-9
Danielewicz H (*see* Loss et al). 2011;128:766-73
Danov Z (*see* Guilbert et al). 2011;128:532-8
Darabi B (*see* Ahmadvand et al). 2011;128:1131 (Correspondence)
Das RR. Cesarean delivery, antibiotic exposure, and probiotics: Relationship with childhood asthma. 2011;128:1133-4 (Correspondence)
Das S (*see* Batra et al). 2011;128:239-42 (Letter to the Editor)
Davies DE (*see* Xiao et al). 2011;128:549-55
de Beaumont O (*see* Didier et al). 2011;128:559-66
De Benedetto A (*see* Rezaee et al). 2011;128:1216-24
De Benedetto A, Slifka MK, Rafaels NM, Kuo I-H, Georas SN, Boguniewicz M, Hata T, Schneider LC, Hanifin JM, Gallo RL, Johnson DC, Barnes KC, Leung DYM, Beck LA. Reductions in claudin-1 may enhance susceptibility to herpes simplex virus 1 infections in atopic dermatitis. 2011;128:242-6 (Letter to the Editor)
de Benedictis FM, Carnielli V, Pietroni L. Pattern of airway physiology in children with severe asthma. 2011;128:904 (Correspondence)
De Boeck K (*see* Moshous et al). 2011;128:847-53
De Felice L (*see* Cancrini et al). 2011;128:897-900 (Letter to the Editor)
de Groot EJJ (*see* Reinartz et al). 2011;128:887-90 (Letter to the Editor)
de Jongste J (*see* Stern et al). 2011;128:293-300
de Jongste JC (*see* Wijga et al). 2011;128:433-4 (Correspondence)
de Kleer IM (*see* de Roock et al). 2011;128:1369-71 (Letter to the Editor)
de Koning HD, Schalkwijk J, van der Meer JWM, Simon A. Successful canakinumab treatment identifies IL-1β as a pivotal mediator in Schnitzler syndrome. 2011;128:1352-4 (Letter to the Editor)
de la Fuente MA, Recher M, Rider NL, Strauss KA, Morton DH, Adair M, Bonilla FA, Ochs HD, Gelfand EW, Pessach IM, Walter JE, King A, Giliani S, Pai S-Y, Notarangelo LD. Reduced thymic output, cell cycle abnormalities, and increased apoptosis of T lymphocytes in patients with cartilage-hair hypoplasia. 2011;128:139-46
de Marco R (*see* Matheson et al). 2011;128:816-23
de Oliveira Martins C (*see* Santos et al). 2011;128:1367-9 (Letter to the Editor)
De Paiva CS (*see* Li et al). 2011;128:1318-25
De Rezende LC (*see* Lucendo et al). 2011;128:1037-46
de Roock S, Hoeks SBEA, Meurs L, Steur A, Hoekstra MO, Prakken BJ, Boes M, de Kleer IM. Critical role for programmed death 1 signaling and protein kinase B in augmented regulatory T-cell induction in cord blood. 2011;128:1369-71 (Letter to the Editor)
De Ruyck N (*see* Gevaert et al). 2011;128:989-95
De Swert K (*see* Bullens et al). 2011;128:234-7 (Letter to the Editor)
De Vito R (*see* Cancrini et al). 2011;128:897-900 (Letter to the Editor)
Deane PMG (*see* Ramsey et al). 2011;128:824-5 (Editorial)
Debré M (*see* Micol et al). 2011;128:382-9
Debré M (*see* Moshous et al). 2011;128:847-53
DeBrosse CW, Franciosi JP, King EC, Buckmeier Butz BK, Greenberg AB, Collins MH, Abonia JP, Assa'ad A, Putnam PE, Rothenberg ME. Long-term outcomes in pediatric-onset esophageal eosinophilia. 2011;128:132-8
Deffert C, Olleros ML, Huiping Y, Herrmann FR, Zekry D, Garcia I, Krause K-H, Schäppi MG. TNF-α blockade in chronic granulomatous disease–induced hyperinflammation: Patient analysis and murine model. 2011;128:675-7 (Letter to the Editor)
Degan S (*see* Liang et al). 2011;128:403-11
del Mar San Miguel Moncin M (*see* Toda et al). 2011;128:1022-30
Deligianni V (*see* Lambiase et al). 2011;128:896-7 (Letter to the Editor)
Della-Torre E, Tresoldi M, Scotti R, Praderio L, Mellone R, Ponzoni M, Doglioni C, Sabbadini MG. Atypical presentation of Churg-Strauss syndrome or an undescribed hypereosinophilic disease? 2011;128:908-11
Dellon ES (*see* Liacouras et al). 2011;128:3-20
Delobel B (*see* Micol et al). 2011;128:382-9
Demenais F (*see* Smit et al). 2011;128:185-91
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Derks IAM (*see* Kuijpers et al). 2011;128:1360-63 (Letter to the Editor)
Des Roches A, Bégin P, Infante-Rivard C, Paradis J, Paradis L. Peanut allergy and the impact of maternal consumption during pregnancy and breast-feeding. 2011;128:248-9 (Correspondence)
Deschildre A (*see* Moshous et al). 2011;128:847-53
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Di Nunzio S (*see* Passerini et al). 2011;128:1376-9 (Letter to the Editor)
Dicke T (*see* Brand et al). 2011;128:618-25
Didier A, Worm M, Horak F, Sussman G, de Beaumont O, Le Gall M, Melac M, Malling H-J. Sustained 3-year efficacy of pre- and coseasonal 5-grass-pollen sublingual immunotherapy tablets in patients with grass pollen–induced rhinoconjunctivitis. 2011;128:559-66
Didier A. Reply. 2011;128:432 (Correspondence)
Diette G (*see* Noel et al). 2011;128:422-4 (Letter to the Editor)
Dilissen E (*see* Bullens et al). 2011;128:234-7 (Letter to the Editor)
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Dillon SR (*see* Ozcan et al). 2011;128:601-9
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Direskeneli H, Fujita H, Akdis CA. Regulation of T_H17 and regulatory T cells in patients with Behçet disease. 2011;128:665-6 (Editorial)
Disse B (*see* Kerstjens et al). 2011;128:308-14
Dittrich A-M (*see* Albrecht et al). 2011;128:168-77
Divjan A (*see* Olmedo et al). 2011;128:284-92
Dixon AE, Pratley RE, Forgione PM, Kaminsky DA, Whittaker-Leclair LA, Griffes LA, Garudathri J, Raymond D, Poynter ME, Bunn JY, Irvin CG. Effects of obesity and bariatric surgery on airway hyperresponsiveness, asthma control, and inflammation. 2011;128:508-15
Djukanović R (*see* Xiao et al). 2011;128:549-56
Dodd LE (*see* Sekhsaria et al). 2011;128:1124-7 (Letter to the Editor)
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Dudek E (*see* Jyonouchi et al). 2011;128:102-9
Duffy SM (*see* Cruse et al). 2011;128:1303-9
Dunkin D, Berin MC, Mayer L. Allergic sensitization can be induced via multiple physiologic routes in an adjuvant-dependent manner. 2011;128:1251-8
Dunstan JA (*see* Prescott et al). 2011;128:886-7 (Letter to the Editor)
Durham SR (*see* Blaiss et al). 2011;128:430-2 (Correspondence)
Durrani SR, Viswanathan RK, Busse WW. What effect does asthma treatment have on airway remodeling? Current perspectives. 2011;128:439-48
Dweik RA (*see* Moore et al). 2011;128:328-36
Dy M (*see* Schneider et al). 2011;128:864-71

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Ebisawa M (*see* Ito et al). 2011;128:673-5 (Letter to the Editor)
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Ege MJ. Intestinal microbial diversity in infancy and allergy risk at school age. 2011;128:653-4 (Editorial)
Egger M (*see* Toda et al). 2011;128:1022-30
Eggleston PA (*see* Peng et al). 2011;128:390-6
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Ekeus C (*see* Lowe et al). 2011;128:1107-9 (Letter to the Editor)
El-Ghaiesh S, Sanderson JP, Farrell J, Lavergne SN, Syn W-K, Pirmohamed M, Park BK, Naisbitt DJ. Characterization of drug-specific lymphocyte responses in a patient with drug-induced liver injury. 2011;128:680-3 (Letter to the Editor)
Elliott SJ (*see* Soller et al). 2011;128:426-8 (Letter to the Editor)
Elmallah MK, Khan Y, Hochhaus G, Shuster JJ, Hendeles L. Systemic exposure to fluticasone MDI delivered through antistatic chambers. 2011;128:1113-5 (Letter to the Editor)
Emo JA (*see* Rezaee et al). 2011;128:1216-24
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Filipiak-Pittroff B, Schnopp C, Berdel D, Naumann A, Sedlmeier S, Onken A, Rodriguez E, Fölster-Holst R, Baurecht H, Ollert M, Ring J, Cramer C, von Berg A, Bauer CP, Herbarth O, Lehmann I, Schaaf B, Koletzko S, Wichmann H-E, Heinrich J, Weidinger S. Predictive value of food sensitization and filaggrin mutations in children with eczema. 2011;128:1235-41
Finegold I (*see* Cox et al). 2011;128:210-2 (Letter to the Editor)
Finke J (*see* Rizzi et al). 2011;128:1371-4 (Letter to the Editor)
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Frey U (*see* Stern et al). 2011;128:293-300
Friderici KH (*see* Schauberger et al). 2011;128:753-60
Fried AJ, Rauter I, Dillon SR, Jabara HH, Geha RS. Functional analysis of transmembrane activator and calcium-modulating cyclophilin ligand interactor (TACI) mutations associated with common variable immunodeficiency. 2011;128:226-8 (Letter to the Editor)
Friedrich W (*see* Marcus et al). 2011;128:1050-7
Fu L (*see* Hong et al). 2011;128:374-81
Fuentes-Duculan J (*see* Fujita et al). 2011;128:574-82
Fujita H (*see* Direskeneli et al). 2011;128:665-6 (Editorial)
Fujita H (*see* Tintle et al). 2011;128:583-93
Fujita H, Shemer A, Suárez-Fariñas M, Johnson-Huang LM, Tintle S, Cardinale I, Fuentes-Duculan J, Novitskaya I, Carucci JA, Krueger JG, Guttman-Yassky E. Lesional dendritic cells in patients with chronic atopic dermatitis and psoriasis exhibit parallel ability to activate T-cell subsets. 2011;128:574-82
Furuta GT (*see* Liacouras et al). 2011;128:3-20

G

Gadermaier G (*see* Santos et al). 2011;128:1367-9 (Letter to the Editor)
Gadermaier G (*see* Toda et al). 2011;128:1022-30
Gagliardo C (*see* Gagliardo et al). 2011;128:535-45
Gagliardo R, Chanez P, Profita M, Bonanno A, Albano GD, Montalbano AM, Pompeo F, Gagliardo C, Merendino AM, Gjomarkaj M. IκB kinase–driven nuclear factor-κB activation in patients with asthma and chronic obstructive pulmonary disease. 2011;128:635-45
Gahlemann M (*see* Kerstjens et al). 2011;128:308-14
Galambrun C (*see* Barlogis et al). 2011;128:420-2 (Letter to the Editor)
Galant S (*see* Scott et al). 2011;128:56-63
Galanter JM, Torgerson D, Gignoux CR, Sen S, Roth LA, Via M, Aldrich MC, Eng C, Huntsman S, Rodriguez-Santana J, Rodriguez-Cintrón W, Chapela R, Ford JG, Burchard EG. Cosmopolitan and ethnic-specific replication of genetic risk factors for asthma in 2 Latino populations. 2011;128:37-43
Galavotti R (*see* Belpinati et al). 2011;128:667-8 (Letter to the Editor)
Galli SJ (*see* Metz et al). 2011;128:424-6 (Letter to the Editor)
Gallo RL (*see* De Benedetto et al). 2011;128:242-6 (Letter to the Editor)
Gallo RL (*see* Howell et al). 2011;128:1006-14

Galvao CE (*see* Santos et al). 2011;128:1367-9 (Letter to the Editor)
Gangnon R (*see* Guilbert et al). 2011;128:532-8
Gangnon RE (*see* Loisel et al). 2011;128:524-31
Gao P (*see* Howell et al). 2011;128:1006-14
Garbutt JM (*see* Rivera-Spoljaric et al). 2011;128:1109-11 (Letter to the Editor)
García del Potro M (*see* Ruiz-García et al). 2011;128:416-8 (Letter to the Editor)
Garcia I (*see* Deffert et al). 2011;128:675-7 (Letter to the Editor)
Garcia-Garcia FJ (*see* Roca-Ferrer et al). 2011;128:66-72
Garibyan L (*see* Ozcan et al). 2011;128:601-9
Garn H (*see* Brand et al). 2011;128:618-25
Garudathri J (*see* Dixon et al). 2011;128:508-15
Gaston B (*see* Moore et al). 2011;128:328-36
Gautrin D (*see* Bernstein et al). 2011;128:418-20 (Letter to the Editor)
Gautron S (*see* Schneider et al). 2011;128:864-71
Gazzard BG (*see* Clark et al). 2011;128:838-46
Gee HY (*see* Lee et al). 2011;128:1326-34
Geer S (*see* Apter et al). 2011;128:516-23
Geha RS (*see* Fried et al). 2011;128:226-8 (Letter to the Editor)
Geha RS (*see* Oyoshi et al). 2011;128:890-2 (Letter to the Editor)
Geha RS (*see* Ozcan et al). 2011;128:601-9
Gelfand EW (*see* de la Fuente et al). 2011;128:139-46
Gelfand EW (*see* Rabinovitch et al). 2011;128:323-7
Gentinetta T, Pecaric-Petkovic T, Wan D, Falcone FH, Dahinden CA, Pichler WJ, Hausmann OV. Individual IL-3 priming is crucial for consistent *in vitro* activation of donor basophils in patients with chronic urticaria. 2011;128:1227-34
Genuneit J (*see* Loss et al). 2011;128:766-73
Georas SN (*see* De Benedetto et al). 2011;128:242-6 (Letter to the Editor)
Georas SN (*see* Rezaee et al). 2011;128:1216-24
Geri G, Terrier B, Rosenzwajg M, Wechsler B, Touzot M, Seilhean D, Tran T-A, Bodaghi B, Musset L, Soumelis V, Klatzmann D, Cacoub P, Saadoun D. Critical role of IL-21 in modulating T_H17 and regulatory T cells in Behçet disease. 2011;128:655-64
Gern JE (*see* Guilbert et al). 2011;128:532-8
Gern JE (*see* Loisel et al). 2011;128:524-31
Gern JE (*see* Slattery et al). 2011;128:668-71 (Letter to the Editor)
Gevaert P (*see* Van Crombruggen et al). 2011;128:728-32
Gevaert P, Van Bruaene N, Cattaert T, Van Steen K, Van Zele T, Acke F, De Ruyck N, Blomme K, Sousa AR, Marshall RP, Bachert C. Mepolizumab, a humanized anti–IL-5 mAb, as a treatment option for severe nasal polyposis. 2011;128:989-95
Gharib SA, Nguyen EV, Lai Y, Plampin JD, Goodlett DR, Hallstrand TS. Induced sputum proteome in healthy subjects and asthmatic patients. 2011;128:1176-84
Ghosh B (*see* Batra et al). 2011;128:239-42 (Letter to the Editor)
Ghosh B (*see* Kumar et al). 2011;128:1077-85
Gibson AM (*see* Schroer et al). 2011;128:539-48
Gierada DS (*see* Castro et al). 2011;128:467-78
Gieras A (*see* Dall'Antonia et al). 2011;128:872-9
Gignoux C (*see* Schauberger et al). 2011;128:753-60
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Gil J (*see* Marcus et al). 2011;128:1050-7
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Gimenez G (*see* Kattan et al). 2011;128:215-8 (Letter to the Editor)
Gimenez G (*see* Kattan et al). 2011;128:435 (Correspondence)
Giorgio V (*see* Calvani et al). 2011;128:250-1 (Correspondence)
Gjomarkaj M (*see* Gagliardo et al). 2011;128:635-45
Gober L (*see* Jyonouchi et al). 2011;128:102-9
Godbold JH (*see* Park et al). 2011;128:1127-8 (Letter to the Editor)
Godefroy SB (*see* Soller et al). 2011;128:426-8 (Letter to the Editor)
Gold DR (*see* Ly et al). 2011;128:1134 (Correspondence)
Goldacker S (*see* Rizzi et al). 2011;128:1371-4 (Letter to the Editor)
Goldblatt J (*see* Hayden et al). 2011;128:237-9 (Letter to the editor)
Goldstein IF (*see* Olmedo et al). 2011;128:284-92
Gomez-Rial J (*see* Nuñez et al). 2011;128:1122-4 (Letter to the Editor)
Gonsalves N (*see* Liacouras et al). 2011;128:3-20
Gonzalez R (*see* Apter et al). 2011;128:516-23
González R (*see* Matheu et al). 2011;128:429 (Correspondence)
González-Castillo S (*see* Lucendo et al). 2011;128:1037-46
Gonzalez-Quintela A (*see* Carballada et al). 2011;128:1350-2 (Letter to the Editor)
Gonzalez-Quintela A (*see* Nuñez et al). 2011;128:1122-4 (Letter to the Editor)
Goodlett DR (*see* Gharib et al). 2011;128:1176-84
Gorentla BK (*see* Kulis et al). 2011;128:212-4 (Letter to the Editor)
Gotch F (*see* Clark et al). 2011;128:838-46
Gounni AS (*see* Redhu et al). 2011;128:892-6 (Letter to the Editor)
Grabbe J (*see* Maurer et al). 2011;128:202-9
Grabenhenrich L, Keil T. How much of the farming effect is environmental? 2011;128:780-1 (Editorial)
Graber NJ (*see* Horner et al). 2011;128:977-82
Grammer LC (*see* Poposki et al). 2011;128:73-81
Grammer LC (*see* Tan et al). 2011;128:1198-206
Gray PEA (*see* Turner et al). 2011;128:1363-5 (Letter to the Editor)
Greenbaum C (*see* Pescovitz et al). 2011;128:1295-302
Greenberg AB (*see* DeBrosse et al). 2011;128:132-8
Greenberger NJ (*see* Hamilton et al). 2011;128:147-52
Griffes LA (*see* Dixon et al). 2011;128:508-15
Grigg J. Reply. 2011;128:906 (Correspondence)
Grimbacher B (*see* Rizzi et al). 2011;128:1371-4 (Letter to the Editor)
Gros E, Petzold S, Maintz L, Bieber T, Novak N. Reduced IFN-γ receptor expression and attenuated IFN-γ response

by dendritic cells in patients with atopic dermatitis. 2011;128:1015-21
Gruchalla RS. Inner-city asthma: Control can be achieved! 2011;128:64-5 (Editorial)
Grunebaum E (*see* Marcus et al). 2011;128:1050-7
Grunebaum E (*see* Papinazath et al). 2011;128:854-63
Guidi L (*see* Passerini et al). 2011;128:1376-9 (Letter to the Editor)
Guilbert TW, Mauger DT, Allen DB, Zeiger RS, Lemanske RF, Szefler SJ, Strunk RC, Bacharier LB, Covar R, Sorkness CA, Taussig LM, Martinez FD. Growth of preschool children at high risk for asthma 2 years after discontinuation of fluticasone. 2011;128: 956-63
Guilbert TW, Singh AM, Danov Z, Evans MD, Jackson DJ, Burton R, Roberg KA, Anderson EL, Pappas TE, Gangnon R, Gern JE, Lemanske RF. Decreased lung function after preschool wheezing rhinovirus illnesses in children at risk to develop asthma. 2011;128:532-8
Gupta SK (*see* Liacouras et al). 2011;128:3-20
Gurrin LC (*see* Lodge et al). 2011;128:782-8
Guttman-Yassky E (*see* Fujita et al). 2011;128:574-82
Guttman-Yassky E (*see* Tintle et al). 2011;128:583-93

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Hacket. T-L (*see* Knight et al). 2011;128:557-8 (Editorial)
Hagberg KA (*see* Peng et al). 2011;128:390-6
Haitchi HM (*see* Xiao et al). 2011;128:549-56
Halayko AJ (*see* Redhu et al). 2011;128:892-6 (Letter to the Editor)
Hall J (*see* Micol et al). 2011;128:382-9
Haller D (*see* Renz et al). 2011;128:S27-49
Hallstrand TS (*see* Gharib et al). 2011;128:1176-84
Halm EA (*see* Hanania et al). 2011;128:S4-24
Halonen M (*see* Rothers et al). 2011;128:1093-9
Halonen M (*see* Rothers et al). 2011;128:397-402
Hambleton S (*see* Passerini et al). 2011;128:1376-9 (Letter to the Editor)
Hamid Q (*see* Al-Muhsen et al). 2011;128:451-62
Hamid Q (*see* Schauberger et al). 2011;128:753-60
Hamilos DL. Chronic rhinosinusitis: Epidemiology and medical management. 2011;128:693-707
Hamilton MJ, Hornick JL, Akin C, Castells MC, Greenberger NJ. Mast cell activation syndrome: A newly recognized disorder with systemic clinical manifestations. 2011;128: 147-52
Hammarström L (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)
Hanania NA, King MJ, Braman SS, Saltoun C, Wise RA, Enright P, Falsey AR, Mathur SK, Ramsdell JW, Rogers L, Stempel DA, Lima JJ, Fish JE, Wilson SR, Boyd C, Patel KV, Irvin CG, Yawn BP, Halm EA, Wasserman SI, Sands MF, Ershler WB, Ledford DK. Asthma in the elderly: Current understanding and future research needs—a report of a National Institute on Aging (NIA) workshop. 2011;128:S4-24
Hanifin JM (*see* De Benedetto et al). 2011;128:242-6 (Letter to the Editor)
Hanifin JM (*see* Howell et al). 2011;128:1006-14
Hansel TT (*see* Nicholson et al). 2011;128:800-7
Hansen G (*see* Hennig et al). 2011;128:1380-2 (Correspondence)
Hanson IC (*see* Tison et al). 2011;128:1115-7 (Letter to the Editor)
Hao K (*see* Hong et al). 2011;128:374-81
Happle C (*see* Hennig et al). 2011;128:1380-2 (Correspondence)
Hara T (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)
Harb H (*see* Brand et al). 2011;128:618-25
Harduar-Morano L, Simon MR, Watkins S, Blackmore C. A population-based epidemiologic study of emergency department visits for anaphylaxis in Florida. 2011;128: 594-600
Hargreave FE. Asthma is not a syndrome. 2011;128:904 (Correspondence)
Harley ITW (*see* Schauberger et al). 2011;128:753-60
Harley JB (*see* Schauberger et al). 2011;128:753-60
Harrington DW (*see* Soller et al). 2011;128:426-8 (Letter to the Editor)
Harris K (*see* Tan et al). 2011;128:1198-206
Harris KE (*see* Poposki et al). 2011;128:73-81
Hartikainen A-L (*see* Ramasamy et al). 2011;128:996-1005
Haschke F. Effect of partially hydrolyzed whey infant formula and prolonged breast-feeding on the risk of allergic disease in high-risk children. 2011;128:688-9 (Correspondence)
Hasdenteufel F, Waton J, Cordebar V, Studer M, Collignon O, Luyasu S, Beaudouin E, Renaudin J-M, Morisset M, Kanny G, Barbaud A. Delayed hypersensitivity reactions caused by iodixanol: An assessment of cross-reactivity in 22 patients. 2011;128:1356-7 (Letter to the Editor)
Hata T (*see* De Benedetto et al). 2011;128:242-6 (Letter to the Editor)
Hata TR (*see* Howell et al). 2011;128:1006-14
Hausmann OV (*see* Gentinetta et al). 2011;128:1227-34
Have TT (*see* Apter et al). 2011;128:516-23
Havstad S, Wegienka G, Zoratti EM, Lynch SV, Boushey HA, Nicholas C, Ownby DR, Johnson CC. Effect of prenatal indoor pet exposure on the trajectory of total IgE levels in early childhood. 2011;128:880-5
Hawranek T (*see* Sturm et al). 2011;128:247-8 (Correspondence)
Hayden CM, Zhang G, Judge PK, Khoo S-K, Laing IA, Turner SW, Goldblatt J, Holt PG, Le Souëf PN. Regulatory role of *IL10* genetic variations in determining allergen-induced T_H2 cytokine responses in children. 2011;128:237-9 (Letter to the editor)
Haywood J (*see* Xiao et al). 2011;128:549-56
Heederik D (*see* Loss et al). 2011;128:766-73
Heer P (*see* Hruz et al). 2011;128:1349-50 (Letter to the Editor)
Heimall JR (*see* Sekhsaria et al). 2011;128:1124-7 (Letter to the Editor)
Heinrich J (*see* Filipiak-Pittroff et al). 2011;128:1235-41
Heinrich J (*see* Matheson et al). 2011;128:816-23
Hemmer W (*see* Sturm et al). 2011;128:247-8 (Correspondence)

Hendeles L (*see* Elmallah et al). 2011;128:1113-5 (Letter to the Editor)
Henderson DC (*see* Clark et al). 2011;128:838-46
Hennig C, Happle C, Hansen G. "A bad wound may heal, but a bad name can kill"—lessons learned from "hyper-IgM syndrome". 2011;128:1380-2 (Correspondence)
Heratizadeh A (*see* Balaji et al). 2011;128:92-9
Heratizadeh A (*see* Reginald et al). 2011;128:82-91
Herbarth O (*see* Filipiak-Pittroff et al). 2011;128:1235-41
Hermine O (*see* Micol et al). 2011;128:382-9
Hernandez ML (*see* Brickey et al). 2011;128:900-3 (Letter to the Editor)
Herold KC (*see* Pescovitz et al). 2011;128:1295-302
Herrera R (*see* Rondón et al). 2011;128:1192-7
Herrmann FR (*see* Deffert et al). 2011;128:675-7 (Letter to the Editor)
Hew M (*see* Moore et al). 2011;128:328-36
Hill DJ (*see* Lodge et al). 2011;128:782-8
Hill DJ (*see* Lowe et al). 2011;128:360-5
Hill DJ, Lowe AJ, Hosking CS, Bennett CM, Allen KJ, Axelrad C, Carlin JB, Abramson MJ, Dharmage SC. Reply. 2011;128:689 (Correspondence)
Hinchcliff M (*see* Tan et al). 2011;128:1198-206
Hirano I (*see* Liacouras et al). 2011;128:3-20
Hirose K (*see* Takahashi et al). 2011;128:1067-76
Hirschl AM (*see* Reginald et al). 2011;128:82-91
Hjern A (*see* Lowe et al). 2011;128:1107-9 (Letter to the Editor)
Hjort C (*see* Omland et al). 2011;128:761-5
Hochhaus G (*see* Elmallah et al). 2011;128:1113-5 (Letter to the Editor)
Hoeks SBEA (*see* de Roock et al). 2011;128:1369-71 (Letter to the Editor)
Hoekstra MO (*see* de Roock et al). 2011;128:1369-71 (Letter to the Editor)
Hoekstra MO (*see* Wijga et al). 2011;128:433-4 (Correspondence)
Hoepner L (*see* Olmedo et al). 2011;128:284-92
Hofbauer GFL (*see* Navarini et al). 2011;128:1128-30 (Letter to the Editor)
Hoffman EA (*see* Castro et al). 2011;128:467-78
Hofmann SC, Pfender N, Weckesser S, Blank S, Huss-Marp J, Spillner E, Jakob T. Reply. 2011;128:248 (Correspondence)
Hohlfeld JM (*see* Nicholson et al). 2011;128:800-7
Højgaard L (*see* Kristiansen et al). 2011;128:S25-6
Holdford DA (*see* Patel et al). 2011;128:110-5
Holgate S (*see* Renz et al). 2011;128:S27-49
Holgate ST (*see* Schauberger et al). 2011;128:753-60
Holgate ST (*see* Xiao et al). 2011;128:549-56
Holgate ST. Pathophysiology of asthma: What has our current understanding taught us about new therapeutic approaches? 2011;128:495-505
Hollams EM (*see* Collins et al). 2011;128:301-7
Holland SM (*see* Sekhsaria et al). 2011;128:1124-7 (Letter to the Editor)
Holloway JW (*see* Schauberger et al). 2011;128:753-60
Holt PG (*see* Collins et al). 2011;128:301-7
Holt PG (*see* Hayden et al). 2011;128:237-9 (Letter to the editor)
Holt PG (*see* Hong et al). 2011;128:374-81
Hong X, Wang G, Liu X, Kumar R, Tsai H-J, Arguelles L, Hao K, Pearson C, Ortiz K, Bonzagni A, Apollon S, Fu L, Caruso D, Pongracic JA, Schleimer R, Holt PG, Bauchner H, Wang X. Gene polymorphisms, breast-feeding, and development of food sensitization in early childhood. 2011;128:374-81
Hopper JL (*see* Lodge et al). 2011;128:782-8
Horak E (*see* Loss et al). 2011;128:766-73
Horak F (*see* Didier et al). 2011;128:559-66
Horn PT (*see* Sheffer et al). 2011;128:153-9
Horner CC, Mauger D, Strunk RC, Graber NJ, Lemanske RF, Sorkness CA, Szefler SJ, Zeiger RS, Taussig LM, Bacharier LB. Most nocturnal asthma symptoms occur outside of exacerbations and associate with morbidity. 2011;128:977-82
Hornick JL (*see* Hamilton et al). 2011;128:147-52
Hosking CS (*see* Hill et al). 2011;128:689 (Correspondence)
Hosking CS (*see* Lodge et al). 2011;128:782-8
Hosking CS (*see* Lowe et al). 2011;128:360-5
Howarth PH (*see* Xiao et al). 2011;128:549-56
Howell D (*see* Webb et al). 2011;128:218-9 (Letter to the Editor)
Howell MD, Gao P, Kim BE, Lesley LJ, Streib JE, Taylor PA, Zaccaro DJ, Boguniewicz M, Beck LA, Hanifin JM, Schneider LC, Hata TR, Gallo RL, Kaplan MH, Barnes KC, Leung DYM. The signal transducer and activator of transcription 6 gene *(STAT6)* increases the propensity of patients with atopic dermatitis toward disseminated viral skin infections. 2011;128:1006-14
Hoymann H-G (*see* Albrecht et al). 2011;128:168-77
Hozawa S (*see* Kohyama et al). 2011;128:1117-20 (Letter to the Editor)
Hruz P, Straumann A, Bussmann C, Heer P, Simon H-U, Zwahlen M, Beglinger C, Schoepfer AM. Escalating incidence of eosinophilic esophagitis: A 20-year prospective, population-based study in Olten County, Switzerland. 2011;128:1349-50 (Letter to the Editor)
Hsieh H-J (*see* Saini et al). 2011;128:567-73
Hsu AP (*see* Sekhsaria et al). 2011;128:1124-7 (Letter to the Editor)
Hu D (*see* Schauberger et al). 2011;128:753-60
Huber P (*see* Bouillet et al). 2011;128:232-4 (Letter to the Editor)
Huebner M (*see* Schauberger et al). 2011;128:753-60
Huiping Y (*see* Deffert et al). 2011;128:675-7 (Letter to the Editor)
Hung S-I (*see* Ko et al). 2011;128:1266-76
Huntsman S (*see* Galanter et al). 2011;128:37-43
Hunzelmann N (*see* Maurer et al). 2011;128:202-9
Huss-Marp J (*see* Hofmann et al). 2011;128:248 (Correspondence)
Hussaarts L, van der Vlugt LEPM, Yazdanbakhsh M, Smits HH. Regulatory B-cell induction by helminths: Implications for allergic disease. 2011;128:733-9

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Iglesias-Souto J (*see* Matheu et al). 2011;128:429 (Correspondence)
Ileri F (*see* Ozturk et al). 2011;128:348-52
Imai K (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)
Imboden M (*see* Ramasamy et al). 2011;128:996-1005
Inamura H (*see* Kohyama et al). 2011;128:1117-20 (Letter to the Editor)
Infante M (*see* Slattery et al). 2011;128:668-71 (Letter to the Editor)
Infante-Rivard C (*see* Des Roches et al). 2011;128:248-9 (Correspondence)
Ingram J (*see* Liang et al). 2011;128:403-11
Inoue K-i, Takano H. Particulate matter–induced hypersusceptibility to infection. 2011;128:906 (Correspondence)
Irvin CG (*see* Dixon et al). 2011;128:508-15
Irvin CG (*see* Hanania et al). 2011;128:S4-24
Israel A (*see* Audry et al). 2011;128:610-7
Israel E (*see* Moore et al). 2011;128:328-36
Ito K, Sjölander S, Sato S, Movérare R, Tanaka A, Söderström L, Borres M, Poorafshar M, Ebisawa M. IgE to Gly m 5 and Gly m 6 is associated with severe allergic reactions to soybean in Japanese children. 2011;128: 673-5 (Letter to the Editor)
Ivanov AI (*see* Rezaee et al). 2011;128:1216-24
Iwamoto I (*see* Takahashi et al). 2011;128:1067-76
Iwata A (*see* Takahashi et al). 2011;128:1067-76
Izgi AG (*see* Keles et al). 2011;128:808-15

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Jabado N (*see* Lagresle-Peyrou et al). 2011;128:230-2 (Letter to the Editor)
Jabara HH (*see* Fried et al). 2011;128:226-8 (Letter to the Editor)
Jackson DJ (*see* Guilbert et al). 2011;128:532-8
Jackson DJ (*see* Loisel et al). 2011;128:524-31
Jackson DJ (*see* Thomas et al). 2011;128:915-24
Jackson DJ, Sykes A, Mallia P, Johnston SL. Asthma exacerbations: Origin, effect, and prevention. 2011;128: 1165-74
Jacobson JS (*see* Olmedo et al). 2011;128:284-92
Jaenicke M (*see* Rivera-Spoljaric et al). 2011;128:1109-11 (Letter to the Editor)
Jahn-Schmid B (*see* Reginald et al). 2011;128:82-91
Jakob T (*see* Hofmann et al). 2011;128:248 (Correspondence)
Jakob T (*see* Maurer et al). 2011;128:202-9
James EA, Kwok WW. Autoreactive $CD4^+$ T cells in patients with atopic dermatitis. 2011;128:100-1 (Editorial)
Jansen MH (*see* Kuijpers et al). 2011;128:1360-63 (Letter to the Editor)
Janssen CEI (*see* Moshous et al). 2011;128:847-53
Jarjour NN (*see* Moore et al). 2011;128:328-36
Jarvelin M-R (*see* Ramasamy et al). 2011;128:996-1005
Jarvis D (*see* Matheson et al). 2011;128:816-23
Jarvis DL (*see* Ramasamy et al). 2011;128:996-1005
Jia J (*see* Wang et al). 2011;128:1310-7
Jiang D (*see* Liang et al). 2011;128:403-11
Jimeno-Nogales L (*see* Ruiz-García et al). 2011;128:416-8 (Letter to the Editor)
Johansen P, Weiss A, Bünter A, Waeckerle-Men Y, Fettelschoss A, Odermatt B, Kündig TM. Clemastine causes immune suppression through inhibition of extracellular signal-regulated kinase–dependent proinflammatory cytokines. 2011;128:1286-94
Johnson CC (*see* Havstad et al). 2011;128:880-5
Johnson DC (*see* De Benedetto et al). 2011;128:242-6 (Letter to the Editor)
Johnson JR (*see* Al-Muhsen et al). 2011;128:451-62
Johnson VJ (*see* Bernstein et al). 2011;128:418-20 (Letter to the Editor)
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Johnson-Huang LM (*see* Fujita et al). 2011;128:574-82
Johnston SL (*see* Jackson et al). 2011;128:1165-74
Jones CA (*see* Scott et al). 2011;128:56-63
Jones F (*see* Scott et al). 2011;128:56-63
Jones SM (*see* Sicherer et al). 2011;128:249-50 (Correspondence)
Joseph L (*see* Soller et al). 2011;128:426-8 (Letter to the Editor)
Jouanguy E (*see* Audry et al). 2011;128:610-7
Jougla E (*see* Mertes et al). 2011;128:366-73
Judge PK (*see* Hayden et al). 2011;128:237-9 (Letter to the editor)
Jung A (*see* Maurer et al). 2011;128:202-9
Jung Y (*see* Liang et al). 2011;128:403-11
Jurcevic S (*see* Nicholson et al). 2011;128:800-7
Jyonouchi S, Abraham V, Orange JS, Spergel JM, Gober L, Dudek E, Saltzman R, Nichols KE, Cianferoni A. Invariant natural killer T cells from children with versus without food allergy exhibit differential responsiveness to milk-derived sphingomyelin. 2011;128:102-9

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Kalil J (*see* Santos et al). 2011;128:1367-9 (Letter to the Editor)
Kalinke U (*see* Schülke et al). 2011;128:1340-8
Kaminsky DA (*see* Dixon et al). 2011;128:508-15
Kanegane H (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)
Kanny G (*see* Hasdenteufel et al). 2011;128:1356-7 (Letter to the Editor)
Kanthikeel SP (*see* Pallikkuth et al). 2011;128:1279-85
Kaplan A (*see* Saini et al). 2011;128:567-73
Kaplan MH (*see* Howell et al). 2011;128:1006-14
Kaplan MH (*see* Yao et al). 2011;128:1357-60 (Letter to the Editor)
Kaplan MS (*see* Zeiger et al). 2011;128:412-4 (Letter to the Editor)
Karakoc-Aydiner E (*see* Keles et al). 2011;128:808-15
Kariyawasam HH (*see* Nicholson et al). 2011;128:800-7
Karmaus W (*see* Schauberger et al). 2011;128:753-60
Kasran A (*see* Bullens et al). 2011;128:234-7 (Letter to the Editor)
Kato A (*see* Poposki et al). 2011;128:73-81
Kato A (*see* Tan et al). 2011;128:1198-206

Kattan JD, Konstantinou GN, Cox AL, Nowak-Węgrzyn A, Gimenez G, Sampson HA, Sicherer SH. Anaphylaxis to diphtheria, tetanus, and pertussis vaccines among children with cow's milk allergy. 2011;128:215-8 (Letter to the Editor)
Kattan JD, Konstantinou GN, Cox AL, Nowak-Węgrzyn A, Gimenez G, Sampson HA, Sicherer SH. Reply. 2011;128: 435 (Correspondence)
Katzka DA (*see* Liacouras et al). 2011;128:3-20
Kauffmann F (*see* Smit et al). 2011;128:185-91
Kawada T. Prevalence of asthma in young children. 2011;128:432-3 (Correspondence)
Kawashima S (*see* Takahashi et al). 2011;128:1067-76
Kay AB (*see* Corrigan et al). 2011;128:116-24
Keet CA, McCormack MC, Peng RD, Matsui EC. Age- and atopy-dependent effects of vitamin D on wheeze and asthma. 2011;128:414-6 (Letter to the Editor)
Keil T (*see* Grabenhenrich et al). 2011;128:780-1 (Editorial)
Keiser PB, Nelson MR. Baseline differences explain the apparent benefits of combining oxymetazoline with intranasal corticosteroids. 2011;128:1132 (Correspondence)
Keles S, Karakoc-Aydiner E, Ozen A, Izgi AG, Tevetoglu A, Akkoc T, Bahceciler NN, Barlan I. A novel approach in allergen-specific immunotherapy: Combination of sublingual and subcutaneous routes. 2011;128:808-15
Kelleher P (*see* Clark et al). 2011;128:838-46
Keller W (*see* Dall'Antonia et al). 2011;128:872-9
Kelly HW. Inhaled corticosteroid dosing: Double for nothing? 2011;128:278-81
Kennedy DW (*see* Lai et al). 2011;128:1207-15
Kennedy DW (*see* Zhang et al). 2011;128:221-3 (Letter to the Editor)
Kerkhof M (*see* van der Zee et al). 2011;128:1031-6
Kerkhof M (*see* van Nimwegen et al). 2011;128:948-55
Kerkhof M (*see* Wijga et al). 2011;128:433-4 (Correspondence)
Kern RC (*see* Poposki et al). 2011;128:73-81
Kern RC (*see* Tan et al). 2011;128:1198-206
Kerstjens HAM, Disse B, Schröder-Babo W, Bantje TA, Gahlemann M, Sigmund R, Engel M, van Noord JA. Tiotropium improves lung function in patients with severe uncontrolled asthma: A randomized controlled trial. 2011;128:308-14
Kette F, Smith W. Sublingual immunotherapy: Allergen specific or placebo effect? 2011;128:430 (Correspondence)
Khalafzai RU (*see* Lodge et al). 2011;128:782-8
Khan Y (*see* Elmallah et al). 2011;128:1113-5 (Letter to the Editor)
Khoo S-K (*see* Hayden et al). 2011;128:237-9 (Letter to the editor)
Khoury P (*see* Wilson et al). 2011;128:1086-92
Khurana Hershey G (*see* Bernstein et al). 2011;128:418-20 (Letter to the Editor)
Khurana Hershey GK (*see* Schroer et al). 2011;128:539-48
Kigongo V (*see* Toda et al). 2011;128:1022-30
Kılıç A, Sonar SS, Yildirim AO, Fehrenbach H, Nockher WA, Renz H. Nerve growth factor induces type III collagen production in chronic allergic airway inflammation. 2011;128:1058-66
Kilpatrick JR (*see* Schauberger et al). 2011;128:753-60
Kim BE (*see* Howell et al). 2011;128:1006-14
Kim JS, Nowak-Węgrzyn A, Sicherer SH, Noone S, Moshier EL, Sampson HA. Dietary baked milk accelerates the resolution of cow's milk allergy in children. 2011;128: 125-31
Kim K-E (*see* Lee et al). 2011;128:1326-34
Kim KH (*see* Lee et al). 2011;128:1326-34
Kim KW (*see* Lee et al). 2011;128:1326-34
Kim MN (*see* Lee et al). 2011;128:1326-34
Kim S-H (*see* Lee et al). 2011;128:1326-34
Kim SW (*see* Lee et al). 2011;128:1326-34
King A (*see* de la Fuente et al). 2011;128:139-46
King EC (*see* DeBrosse et al). 2011;128:132-8
King MJ (*see* Hanania et al). 2011;128:S4-24
Kissling GE (*see* Bernstein et al). 2011;128:418-20 (Letter to the Editor)
Klatzmann D (*see* Geri et al). 2011;128:655-64
Kleine-Tebbe J (*see* Maurer et al). 2011;128:202-9
Klion AD (*see* Wilson et al). 2011;128:1086-92
Kneifel W (*see* Loss et al). 2011;128:766-73
Knight DA, Stick SM, Hackett T-L. Defective function at the epithelial junction: A novel therapeutic frontier in asthma? 2011;128:557-8 (Editorial)
Knutsen AP, Baker MW, Markert ML. Interpreting low T-cell receptor excision circles in newborns with DiGeorge anomaly: Importance of assessing naive T-cell markers. 2011;128:1375-6 (Letter to the Editor)
Ko T-M, Chung W-H, Wei C-Y, Shih H-Y, Chen J-K, Lin C-H, Chen Y-T, Hung S-I. Shared and restricted T-cell receptor use is crucial for carbamazepine-induced Stevens-Johnson syndrome. 2011;128:1266-76
Kobayashi M (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)
Kodaira K (*see* Kohyama et al). 2011;128:1117-20 (Letter to the Editor)
Koenig M (*see* Micol et al). 2011;128:382-9
Kogevinas M (*see* Ramasamy et al). 2011;128:996-1005
Kohyama K, Abe S, Kodaira K, Yukawa T, Hozawa S, Morioka J, Inamura H, Ota M, Sagara H, Kurosawa M. Polymorphisms of the *CYP2C19* gene in Japanese patients with aspirin-exacerbated respiratory disease. 2011;128:1117-20 (Letter to the Editor)
Kolbeck R (*see* Wilson et al). 2011;128:1086-92
Koletzko S (*see* Filipiak-Pittroff et al). 2011;128:1235-41
Kolosov VP (*see* Li et al). 2011;128:626-34
Kon OM (*see* Nicholson et al). 2011;128:800-7
Kondoh K (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)
Konstantinou GN (*see* Kattan et al). 2011;128:215-8 (Letter to the Editor)
Konstantinou GN (*see* Kattan et al). 2011;128:435 (Correspondence)
Koppelman GH (*see* van Nimwegen et al). 2011;128:948-55
Koppelman GH, Sayers I. Evidence of a genetic contribution to lung function decline in asthma. 2011;128:479-84
Kornmann O (*see* Bateman et al). 2011;128:315-22

Korošec P, Valenta R, Mittermann I, Čelesnik N, Eržen R, Zidarn M, Košnik M. Low sensitivity of commercially available rApi m 1 for diagnosis of honeybee venom allergy. 2011;128:671-3 (Letter to the Editor)
Kosinski M (*see* Schatz et al). 2011;128:44-9
Kosinski M (*see* Zeiger et al). 2011;128:983-8
Košnik M (*see* Korošec et al). 2011;128:671-3 (Letter to the Editor)
Kotaniemi-Syrjänen A, Pelkonen AS, Malmström K, Malmberg LP, Mäkelä MJ. Symptom-based classification of wheeze: How does it work in infants? 2011;128:1111-2 (Letter to the Editor)
Kozhich A (*see* Wilson et al). 2011;128:1086-92
Kraft M (*see* Liang et al). 2011;128:403-11
Krause K-H (*see* Deffert et al). 2011;128:675-7 (Letter to the Editor)
Krause-Steinrauf H (*see* Pescovitz et al). 2011;128:1295-302
Krauss MJ (*see* Rivera-Spoljaric et al). 2011;128:1109-11 (Letter to the Editor)
Krevans M (*see* Peng et al). 2011;128:390-6
Kristiansen LV, Röllinghoff M, Berghmans S, Højgaard L. Preface. 2011;128:S25-6
Krogfelt KA (*see* Bisgaard et al). 2011;128:646-52
Krueger JG (*see* Fujita et al). 2011;128:574-82
Krueger JG (*see* Tintle et al). 2011;128:583-93
Krug N (*see* Nicholson et al). 2011;128:800-7
Kuijpers TW, Baars PA, aan de Kerk DJ, Jansen MH, Derks IAM, Bredius RGM, Sanders EAM, van der Burg M, Alders M, van Lier RAW. A novel mutation in CD132 causes X-CID with defective T-cell activation and impaired humoral reactivity. 2011;128:1360-63 (Letter to the Editor)
Kulis M, Wan C-K, Gorentla BK, Burks AW, Zhong X-P. Diacylglycerol kinase ζ deficiency in a non-$CD4^+$ T-cell compartment leads to increased peanut hypersensitivity. 2011;128:212-4 (Letter to the Editor)
Kulshreshtha A (*see* Kumar et al). 2011;128:1077-85
Kumar A (*see* Ramasamy et al). 2011;128:996-1005
Kumar M, Ahmad T, Sharma A, Mabalirajan U, Kulshreshtha A, Agrawal A, Ghosh B. Let-7 microRNA–mediated regulation of IL-13 and allergic airway inflammation. 2011;128:1077-85
Kumar R (*see* Hong et al). 2011;128:374-81
Kumar R (*see* Williams et al). 2011;128:1185-91
Kuna P (*see* Matricardi et al). 2011;128:791-9
Kündig TM (*see* Johansen et al). 2011;128:1286-94
Kuo I-H (*see* De Benedetto et al). 2011;128:242-6 (Letter to the Editor)
Kurosawa M (*see* Kohyama et al). 2011;128:1117-20 (Letter to the Editor)
Kurukulaaratchy RJ (*see* Schauberger et al). 2011;128:753-60
Kwok WW (*see* James et al). 2011;128:100-1 (Editorial)

L

La Vieille S (*see* Soller et al). 2011;128:426-8 (Letter to the Editor)
LaBelle V (*see* Webb et al). 2011;128:218-9 (Letter to the Editor)
Lachin JM (*see* Pescovitz et al). 2011;128:1295-302
Lagresle-Peyrou C, Neven B, Six E, Picard C, Demerens-de Chappedelaine C, Bertrand Y, Jabado N, Chomienne C, Radford-Weiss I, Brouzes C, Asnafi V, MacIntyre E, Donadieu J, Beaupain B, Fenaux P, Eclache V, Fischer A, Cavazzana-Calvo M. Occurrence of myelodysplastic syndrome in 2 patients with reticular dysgenesis. 2011;128:230-2 (Letter to the Editor)
Lai Y (*see* Gharib et al). 2011;128:1176-84
Lai Y, Chen B, Shi J, Palmer JN, Kennedy DW, Cohen NA. Inflammation-mediated upregulation of centrosomal protein 110, a negative modulator of ciliogenesis, in patients with chronic rhinosinusitis. 2011;128:1207-15
Laing IA (*see* Hayden et al). 2011;128:237-9 (Letter to the editor)
Lajoie-Kadoch S (*see* Schauberger et al). 2011;128:753-60
Lambiase A, Leonardi A, Sacchetti M, Deligianni V, Sposato S, Bonini S. Topical cyclosporine prevents seasonal recurrences of vernal keratoconjunctivitis in a randomized, double-masked, controlled 2-year study. 2011;128:896-7 (Letter to the Editor)
Lamoureux-Toth S (*see* Barlogis et al). 2011;128:420-2 (Letter to the Editor)
Lampl K (*see* Zeiger et al). 2011;128:983-8
Lanfear DE (*see* Williams et al). 2011;128:1185-91
Lang R (*see* Sturm et al). 2011;128:247-8 (Correspondence)
Langefeld CD (*see* Schauberger et al). 2011;128:753-60
Langmeyer S (*see* Bernstein et al). 2011;128:418-20 (Letter to the Editor)
Lanternier F (*see* Micol et al). 2011;128:382-9
Lasser EC (*see* Vishwanath et al). 2011;128:219-21 (Letter to the Editor)
Lasser KH (*see* Vishwanath et al). 2011;128:219-21 (Letter to the Editor)
Lathrop M (*see* Smit et al). 2011;128:185-91
Laubach S (*see* Webb et al). 2011;128:218-9 (Letter to the Editor)
Lauer I (*see* Toda et al). 2011;128:1022-30
Laugé A (*see* Micol et al). 2011;128:382-9
Launay J-M (*see* Schneider et al). 2011;128:864-71
Lavergne SN (*see* El-Ghaiesh et al). 2011;128:680-3 (Letter to the Editor)
Law J (*see* Marcus et al). 2011;128:1050-7
Le Gall M (*see* Didier et al). 2011;128:559-66
Le Mignot L (*see* Micol et al). 2011;128:382-9
Le Moual N (*see* Smit et al). 2011;128:185-91
Le Souëf PN (*see* Hayden et al). 2011;128:237-9 (Letter to the editor)
LeCras T (*see* Schroer et al). 2011;128:539-48
Ledford DK (*see* Hanania et al). 2011;128:S4-24
Lee H-C (*see* Redhu et al). 2011;128:892-6 (Letter to the Editor)
Lee J (*see* Lee et al). 2011;128:1326-34
Lee JH, Kim KW, Gee HY, Lee J, Lee K-H, Park H-S, Kim S-H, Kim SW, Kim MN, Kim K-E, Kim KH, Lee MG, Sohn MH. A synonymous variation in protease-activated receptor-2 is associated with atopy in Korean children. 2011;128:1326-34
Lee K-H (*see* Lee et al). 2011;128:1326-34
Lee MG (*see* Lee et al). 2011;128:1326-34

Lee TH (*see* Corrigan et al). 2011;128:116-24
Leeflang MMG (*see* Schram et al). 2011;128:353-9
Lehmann I (*see* Filipiak-Pittroff et al). 2011;128:1235-41
Lemanske RF (*see* Guilbert et al). 2011;128:532-8
Lemanske RF (*see* Guilbert et al). 2011;128:956-63
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Lemanske RF (*see* Loisel et al). 2011;128:524-31
Lemanske RF (*see* Thomas et al). 2011;128:915-24
Leonard M (*see* Liang et al). 2011;128:403-11
Leonardi A (*see* Lambiase et al). 2011;128:896-7 (Letter to the Editor)
Lesley LJ (*see* Howell et al). 2011;128:1006-14
Leslie D (*see* Rachid et al). 2011;128:251-2 (Correspondence)
Leslie D (*see* Rachid et al). 2011;128:905 (Correspondence)
Lester LA (*see* Motika et al). 2011;128:774-9
Leung DYM (*see* De Benedetto et al). 2011;128:242-6 (Letter to the Editor)
Leung DYM (*see* Howell et al). 2011;128:1006-14
Leung DYM (*see* Sicherer et al). 2011;128:249-50 (Correspondence)
Leung DYM, Szefler SJ. The Editors' Choice. 35-6, 282-3, 506-7, 751-2, 946-7, 1175
Levasseur M (*see* Schneider et al). 2011;128:864-71
Levy RJ (*see* Sheffer et al). 2011;128:153-9
Leynaert B (*see* Matheson et al). 2011;128:816-23
Leynaert B (*see* Ramasamy et al). 2011;128:996-1005
Li D-Q, Zhang L, Pflugfelder SC, De Paiva CS, Zhang X, Zhao G, Zheng X, Su Z, Qu Y. Short ragweed pollen triggers allergic inflammation through Toll-like receptor 4–dependent thymic stromal lymphopoietin/OX40 ligand/OX40 signaling pathways. 2011;128:1318-25
Li HH (*see* Sheffer et al). 2011;128:153-9
Li J (*see* von Jagwitz et al). 2011;128:50-5
Li J-P (*see* Wang et al). 2011;128:1310-7
Li JT (*see* Lim et al). 2011;128:1135-7
Li MC, Li Q, Yang G, Kolosov VP, Perelman JM, Zhou XD. Cold temperature induces mucin hypersecretion from normal human bronchial epithelial cells *in vitro* through a transient receptor potential melastatin 8 (TRPM8)–mediated mechanism. 2011;128:626-34
Li N (*see* Bisgaard et al). 2011;128:646-52
Li Q (*see* Li et al). 2011;128:626-34
Li Q-Z (*see* Tan et al). 2011;128:1198-206
Li X-M (*see* Patil et al). 2011;128:1259-65
Li X-X (*see* Audry et al). 2011;128:610-7
Liacouras CA, Furuta GT, Hirano I, Atkins D, Attwood SE, Bonis PA, Burks AW, Chehade M, Collins MH, Dellon ES, Dohil R, Falk GW, Gonsalves N, Gupta SK, Katzka DA, Lucendo AJ, Markowitz JE, Noel RJ, Odze RD, Putnam PE, Richter JE, Romero Y, Ruchelli E, Sampson HA, Schoepfer A, Shaheen NJ, Sicherer SH, Spechler S, Spergel JM, Straumann A, Wershil BK, Rothenberg ME, Aceves SS. Eosinophilic esophagitis: Updated consensus recommendations for children and adults. 2011;128:3-20
Liang J, Jiang D, Jung Y, Xie T, Ingram J, Church T, Degan S, Leonard M, Kraft M, Noble PW. Role of hyaluronan and hyaluronan-binding proteins in human asthma. 2011;128:403-11
Lieberman JA, Cox AL, Vitale M, Sampson HA. Outcomes of office-based, open food challenges in the management of food allergy. 2011;128:1120-2 (Letter to the Editor)
Lieberman P (*see* Cox et al). 2011;128:210-2 (Letter to the Editor)
Lilja G (*see* Stenius et al). 2011;128:1335-9
Lim K, Li JT. Exertional dyspnea and inspiratory stridor of 2 years' duration: A tale of 2 wheezes. 2011;128:1135-7
Lima JJ (*see* Hanania et al). 2011;128:S4-24
Lin C-H (*see* Ko et al). 2011;128:1266-76
Lindblad F (*see* Stenius et al). 2011;128:1335-9
Lindblad R (*see* Sicherer et al). 2011;128:249-50 (Correspondence)
Linhart B (*see* Reginald et al). 2011;128:82-91
Linkin DR (*see* Zhang et al). 2011;128:221-3 (Letter to the Editor)
Litonjua A (*see* Ly et al). 2011;128:1134 (Correspondence)
Liu AH (*see* Sicherer et al). 2011;128:249-50 (Correspondence)
Liu X (*see* Hong et al). 2011;128:374-81
Liu Y-J (*see* Corrigan et al). 2011;128:116-24
Livadiotti S (*see* Cancrini et al). 2011;128:897-900 (Letter to the Editor)
Lodge CJ, Lowe AJ, Gurrin LC, Hill DJ, Hosking CS, Khalafzai RU, Hopper JL, Matheson MC, Abramson MJ, Allen KJ, Dharmage SC. House dust mite sensitization in toddlers predicts current wheeze at age 12 years. 2011;128:782-8
Lohman IC (*see* Rothers et al). 2011;128:397-402
Loisel DA, Tan Z, Tisler CJ, Evans MD, Gangnon RE, Jackson DJ, Gern JE, Lemanske RF, Ober C. *IFNG* genotype and sex interact to influence the risk of childhood asthma. 2011;128:524-31
London SJ (*see* Schauberger et al). 2011;128:753-60
Lopez-Granados E (*see* Marcus et al). 2011;128:1050-7
Lopez-Pintado S (*see* Olmedo et al). 2011;128:284-92
Lorenzen PC (*see* Loss et al). 2011;128:766-73
Lorenzo L (*see* Audry et al). 2011;128:610-7
Loss G, Apprich S, Waser M, Kneifel W, Genuneit J, Büchele G, Weber J, Sozanska B, Danielewicz H, Horak E, van Neerven RJJ, Hoekerik D, Lorenzen PC, von Mutius E, Braun-Fahrländer C. The protective effect of farm milk consumption on childhood asthma and atopy: The GABRIELA study. 2011;128:766-73
Lowe A, Bråbäck L, Ekeus C, Hjern A, Forsberg B. Maternal obesity during pregnancy as a risk for early-life asthma. 2011;128:1107-9 (Letter to the Editor)
Lowe AJ (*see* Hill et al). 2011;128:689 (Correspondence)
Lowe AJ (*see* Lodge et al). 2011;128:782-8
Lowe AJ, Hosking CS, Bennett CM, Allen KJ, Axelrad C, Carlin JB, Abramson MJ, Dharmage SC, Hill DJ. Effect of a partially hydrolyzed whey infant formula at weaning on risk of allergic disease in high-risk children: A randomized controlled trial. 2011;128:360-5
Lucendo AJ (*see* Liacouras et al). 2011;128:3-20
Lucendo AJ, Arias Á, De Rezende LC, Yagüe-Compadre JL, Mota-Huertas T, González-Castillo S, Cuesta RA, Tenias JM, Bellón T. Subepithelial collagen deposition, profibrogenic cytokine gene expression, and changes after

prolonged fluticasone propionate treatment in adult eosinophilic esophagitis: A prospective study. 2011;128: 1037-46
Lummus ZL (*see* Bernstein et al). 2011;128:418-20 (Letter to the Editor)
Luster MI (*see* Bernstein et al). 2011;128:418-20 (Letter to the Editor)
Luyasu S (*see* Hasdenteufel et al). 2011;128:1356-7 (Letter to the Editor)
Lv Z (*see* Corrigan et al). 2011;128:116-24
Ly NP, Litonjua A, Gold DR, Celedón JC. Reply. 2011;128: 1134 (Correspondence)
Lynch SV (*see* Havstad et al). 2011;128:880-5

M

Mabalirajan U (*see* Kumar et al). 2011;128:1077-85
Machavoine F (*see* Schneider et al). 2011;128:864-71
MacIntyre E (*see* Lagresle-Peyrou et al). 2011;128:230-2 (Letter to the Editor)
Mack DG (*see* Martin et al). 2011;128:1100-6
Macy E. Reply. 2011;128:686 (Correspondence)
Maharaj N (*see* Chen et al). 2011;128:970-6
Mahlaoui N (*see* Micol et al). 2011;128:382-9
Mahler V (*see* Maurer et al). 2011;128:202-9
Maier LA (*see* Martin et al). 2011;128:1100-6
Maintz L (*see* Gros et al). 2011;128:1015-21
Majak P, Stelmach I. Reply. 2011;128:1131-2 (Correspondence)
Mäkelä MJ (*see* Kotaniemi-Syrjänen et al). 2011;128:1111-2 (Letter to the Editor)
Malerba G (*see* Belpinati et al). 2011;128:667-8 (Letter to the Editor)
Mallia P (*see* Jackson et al). 2011;128:1165-74
Malling H-J (*see* Didier et al). 2011;128:559-66
Malmberg LP (*see* Kotaniemi-Syrjänen et al). 2011;128: 1111-2 (Letter to the Editor)
Malmström K (*see* Kotaniemi-Syrjänen et al). 2011;128: 1111-2 (Letter to the Editor)
Malo J-L (*see* Bernstein et al). 2011;128:418-20 (Letter to the Editor)
Maloney JM, Nowak-Węgrzyn A, Wang J. Children in the inner city of New York have high rates of food allergy and IgE sensitization to common foods. 2011;128:214-5 (Letter to the Editor)
Manfred H (*see* Marcus et al). 2011;128:1050-7
Mannic T (*see* Bouillet et al). 2011;128:232-4 (Letter to the Editor)
Mansfield L (*see* Wasserman et al). 2011;128:251 (Correspondence)
Marcus N, Takada H, Law J, Cowan MJ, Gil J, P ɔgueiro JR, Plaza Lopez de Sabando D, Lopez-Granados E, Dalal J, Friedrich W, Manfred H, Celine Hanson I, Grunebaum E, Shearer WT, Roifman CM. Hematopoietic stem cell transplantation for CD3δ deficiency. 2011;128:1050-7
Mari A (*see* Twaroch et al). 2011;128:178-84
Maric I (*see* Wilson et al). 2011;128:1086-92
Markert ML (*see* Knutsen et al). 2011;128:1375-6 (Letter to the Editor)
Markowitz JE (*see* Liacouras et al). 2011;128:3-20
Marks GB (*see* Tovey et al). 2011;128:723-7
Marks GB. The allergic paradox: A key to progress in primary prevention of asthma. 2011;128:789-90 (Editorial)
Marks R (*see* Rizzi et al). 2011;128:1371-4 (Letter to the Editor)
Marshall RP (*see* Gevaert et al). 2011;128:989-95
Martin AK, Mack DG, Falta MT, Mroz MM, Newman LS, Maier LA, Fontenot AP. Beryllium-specific $CD4^+$ T cells in blood as a biomarker of disease progression. 2011;128: 1100-6
Martin D (*see* Slater et al). 2011;128:434 (Correspondence)
Martinez FD (*see* Guilbert et al). 2011;128:956-63
Martinez FD. New insights into the natural history of asthma: Primary prevention on the horizon. 2011;128:939-45
Martino D (*see* Prescott et al). 2011;128:886-7 (Letter to the Editor)
Masilamani M, Wei J, Bhatt S, Paul M, Yakir S, Sampson HA. Soybean isoflavones regulate dendritic cell function and suppress allergic sensitization to peanut. 2011;128: 1242-50
Massot C (*see* Bouillet et al). 2011;128:232-4 (Letter to the Editor)
Matheson MC (*see* Lodge et al). 2011;128:782-8
Matheson MC, Dharmage SC, Abramson MJ, Walters EH, Sunyer J, de Marco R, Leynaert B, Heinrich J, Jarvis D, Norbäck D, Raherison C, Wjst M, Svanes C. Early-life risk factors and incidence of rhinitis: Results from the European Community Respiratory Health Study—an international population-based cohort study. 2011;128: 816-23
Matheu V, Iglesias-Souto J, González R, Poza P, Sanchez-Machín I. Retesting in children with β-lactam allergy. 2011;128:429 (Correspondence)
Mathilda Chiu Y-H (*see* Sternthal et al). 2011;128:337-45
Mathur SK (*see* Hanania et al). 2011;128:S4-24
Matricardi PM, Kuna P, Panetta V, Wahn U, Narkus A. Subcutaneous immunotherapy and pharmacotherapy in seasonal allergic rhinitis: A comparison based on meta-analyses. 2011;128:791-9
Matsui EC (*see* Keet et al). 2011;128:414-6 (Letter to the Editor)
Matsui EC (*see* Noel et al). 2011;128:422-4 (Letter to the Editor)
Matsui EC (*see* Peng et al). 2011;128:390-6
Mattes J (*see* Collison et al). 2011;128:160-7
Mauger D (*see* Horner et al). 2011;128:977-82
Mauger DT (*see* Guilbert et al). 2011;128:956-63
Maurer M (*see* Metz et al). 2011;128:424-6 (Letter to the Editor)
Maurer M (*see* Saini et al). 2011;128:567-73
Maurer M, Altrichter S, Bieber T, Biedermann T, Bräutigam M, Seyfried S, Brehler R, Grabbe J, Hunzelmann N, Jakob T, Jung A, Kleine-Tebbe J, Mempel M, Meurer M, Reich K, Ruëff F, Schäkel K, Sengupta K, Sieder C, Simon JC, Wedi B, Zuberbier T, Mahler V, Staubach P. Efficacy and safety of omalizumab in patients with chronic urticaria who exhibit IgE against thyroperoxidase. 2011;128:202-9
Maxeiner J (*see* Albrecht et al). 2011;128:168-77
Mayer L (*see* Dunkin et al). 2011;128:1251-8

Mayorga C (*see* Torres et al). 2011;128:1365-7 (Letter to the Editor)
Mayse ML (*see* Moore et al). 2011;128:328-36
McArdle WL (*see* Ramasamy et al). 2011;128:996-1005
McCormack MC (*see* Keet et al). 2011;128:414-6 (Letter to the Editor)
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Meng Q (*see* Corrigan et al). 2011;128:116-24
Merendino AM (*see* Gagliardo et al). 2011;128:635-45
Mertes PM, Alla F, Tréchot P, Auroy Y, Jougla E. Anaphylaxis during anesthesia in France: An 8-year national survey. 2011;128:366-73
Metcalf R (*see* Clark et al). 2011;128:838-46
Metcalfe DD (*see* Wilson et al). 2011;128:1086-92
Metz M, Schäfer B, Tsai M, Maurer M, Galli SJ. Evidence that the endothelin A receptor can enhance IgE-dependent anaphylaxis in mice. 2011;128:424-6 (Letter to the Editor)
Meurer M (*see* Maurer et al). 2011;128:202-9
Meurs L (*see* de Roock et al). 2011;128:1369-71 (Letter to the Editor)
Meyts I (*see* Moshous et al). 2011;128:847-53
Michel G (*see* Barlogis et al). 2011;128:420-2 (Letter to the Editor)
Micol R, Ben Slama L, Suarez F, Le Mignot L, Beauté J, Mahlaoui N, Dubois d'Enghien C, Laugé A, Hall J, Couturier J, Vallée L, Delobel B, Rivier F, Nguyen K, Billette de Villemeur T, Stephan J-L, Bordigoni P, Bertrand Y, Aladjidi N, Pedespan J-M, Thomas C, Pellier I, Koenig M, Hermine O, Picard C, Moshous D, Neven B, Lanternier F, Blanche S, Tardieu M, Debré M, Fischer A, Stoppa-Lyonnet D. Morbidity and mortality from ataxia-telangiectasia are associated with *ATM* genotype. 2011;128:382-9
Miller GE (*see* Chen et al). 2011;128:970-6
Miller MR (*see* Omland et al). 2011;128:761-5
Miller RL (*see* Olmedo et al). 2011;128:284-92
Min W (*see* Papinazath et al). 2011;128:854-63
Misumi DS (*see* Santos et al). 2011;128:1367-9 (Letter to the Editor)
Mitsuiki N (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)
Mittermann I (*see* Korošec et al). 2011;128:671-3 (Letter to the Editor)
Miyawaki T (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)
Mobley S (*see* Rothers et al). 2011;128:397-402
Moffatt M (*see* Cookson et al). 2011;128:266-70
Mohan C (*see* Tan et al). 2011;128:1198-206
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Monk P (*see* Xiao et al). 2011;128:549-56
Montalbano AM (*see* Gagliardo et al). 2011;128:635-45
Montañez MI, Torres MJ, Perez-Inestrosa E, Blanca M. Clarification concerning amoxicillin skin testing. 2011;128:685 (Correspondence)
Moore WC, Evans MD, Bleecker ER, Busse WW, Calhoun WJ, Castro M, Fan Chung K, Erzurum SC, Curran-Everett D, Dweik RA, Gaston B, Hew M, Israel E, Mayse ML, Pascual RM, Peters SP, Silveira L, Wenzel SE, Jarjour NN. Safety of investigative bronchoscopy in the Severe Asthma Research Program. 2011;128:328-36
Morioka J (*see* Kohyama et al). 2011;128:1117-20 (Letter to the Editor)
Morisset M (*see* Hasdenteufel et al). 2011;128:1356-7 (Letter to the Editor)
Morphew T (*see* Scott et al). 2011;128:56-63
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Moshier EL (*see* Kim et al). 2011;128:125-31
Moshous D (*see* Micol et al). 2011;128:382-9
Moshous D, Meyts I, Fraitag S, Janssen CEI, Debré M, Suarez F, Toelen J, De Boeck K, Roskams T, Deschildre A, Picard C, Bodemer C, Wouters C, Fischer A. Granulomatous inflammation in cartilage-hair hypoplasia: Risks and benefits of anti–TNF-α mAbs. 2011;128: 847-53
Mota-Huertas T (*see* Lucendo et al). 2011;128:1037-46
Motika CA, Papachristou C, Abney M, Lester LA, Ober C. Rising prevalence of asthma is sex-specific in a US farming population. 2011;128:774-9
Movérare R (*see* Ito et al). 2011;128:673-5 (Letter to the Editor)
Mroz MM (*see* Martin et al). 2011;128:1100-6
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Naclerio RM (*see* Baroody et al). 2011;128:1132-3 (Correspondence)
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Nagarkar DR (*see* Poposki et al). 2011;128:73-81
Naisbitt DJ (*see* El-Ghaiesh et al). 2011;128:680-3 (Letter to the Editor)
Nakagawa N, Imai K, Kanegane H, Sato H, Yamada M, Kondoh K, Okada S, Kobayashi M, Agematsu K, Takada H, Mitsuiki N, Oshima K, Ohara O, Suri D, Rawat A, Singh S, Pan-Hammarström Q, Hammarström L, Reichenbach J, Seger R, Ariga T, Hara T, Miyawaki T, Nonoyama S. Quantification of κ-deleting recombination excision circles in Guthrie cards for the identification of early B-cell maturation defects. 2011;128:223-5 (Letter to the Editor)
Nakajima H (*see* Takahashi et al). 2011;128:1067-76
Nakayama T (*see* Takahashi et al). 2011;128:1067-76
Naldini L (*see* Passerini et al). 2011;128:1376-9 (Letter to the Editor)

Namazy JA, Schatz M. Asthma and pregnancy. 2011;128: 1384-5
Narkus A (*see* Matricardi et al). 2011;128:791-9
Naumann A (*see* Filipiak-Pittroff et al). 2011;128:1235-41
Navarini AA, French LE, Hofbauer GFL. Interrupting IL-6–receptor signaling improves atopic dermatitis but associates with bacterial superinfection. 2011;128: 1128-30 (Letter to the Editor)
Navid F (*see* Schwarz et al). 2011;128:826-33
Naydenov NG (*see* Rezaee et al). 2011;128:1216-24
Nelson HS (*see* Blaiss et al). 2011;128:430-2 (Correspondence)
Nelson HS. Subcutaneous immunotherapy. 2011;128:907
Nelson M (*see* Clark et al). 2011;128:838-46
Nelson MR (*see* Keiser et al). 2011;128:1132 (Correspondence)
Nettis E (*see* Calogiuri et al). 2011;128:251 (Correspondence)
Neumann C (*see* Rizzi et al). 2011;128:1371-4 (Letter to the Editor)
Neven B (*see* Lagresle-Peyrou et al). 2011;128:230-2 (Letter to the Editor)
Neven B (*see* Micol et al). 2011;128:382-9
Newman LS (*see* Martin et al). 2011;128:1100-6
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Nicholas C (*see* Havstad et al). 2011;128:880-5
Nicholas SK (*see* Tison et al). 2011;128:1115-7 (Letter to the Editor)
Nichols KE (*see* Jyonouchi et al). 2011;128:102-9
Nicholson GC, Kariyawasam HH, Tan AJ, Hohlfeld JM, Quinn D, Walker C, Rodman D, Westwick J, Jurcevic S, Kon OM, Barnes PJ, Krug N, Hansel TT. The effects of an anti–IL-13 mAb on cytokine levels and nasal symptoms following nasal allergen challenge. 2011;128: 800-7
Nicolas J-F (*see* Roujeau et al). 2011;128:1277-8 (Editorial)
Nicolas JF (*see* Nosbaum et al). 2011;128:1113 (Letter to the Editor)
Niebuhr M (*see* Balaji et al). 2011;128:92-9
Niederberger V (*see* Reginald et al). 2011;128:82-91
Niehues T (*see* Audry et al). 2011;128:610-7
Niemiec MJ (*see* Bianchi et al). 2011;128:687-8 (Correspondence)
Niwa Y (*see* Takahashi et al). 2011;128:1067-76
Noble PW (*see* Liang et al). 2011;128:403-11
Nockher WA (*see* Kılıç et al). 2011;128:1058-66
Noel RJ (*see* Liacouras et al). 2011;128:3-20
Noel S, Saams J, Ong MJC, Breysse P, Diette G, Biswal S, Matsui EC. Opposing effects of nasal epithelial NAD(P)H dehydrogenase quinine 1 and heme oxygenase 1 expression on upper and lower airway symptoms in adolescents with asthma. 2011;128:422-4 (Letter to the Editor)
Nonoyama S (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)
Noone S (*see* Kim et al). 2011;128:125-31
Noone S (*see* Patil et al). 2011;128:1259-65
Norbäck D (*see* Matheson et al). 2011;128:816-23
Noroski LM (*see* Tison et al). 2011;128:1115-7 (Letter to the Editor)
Norton J (*see* Poposki et al). 2011;128:73-81
Norton J (*see* Tan et al). 2011;128:1198-206
Nosbaum A, Pecquet C, Bayrou O, Amsler E, Nicolas JF, Bérard F, Francès C. Treatment with propranolol of 6 patients with idiopathic aquagenic pruritus. 2011;128: 1113 (Letter to the Editor)
Notarangelo LD (*see* de la Fuente et al). 2011;128:139-46
Notarangelo LD. Reply. 2011;128:1382-3 (Correspondence)
Novak N (*see* Gros et al). 2011;128:1015-21
Novak N (*see* Reginald et al). 2011;128:82-91
Novakovic B (*see* Prescott et al). 2011;128:886-7 (Letter to the Editor)
Novitskaya I (*see* Fujita et al). 2011;128:574-82
Nowak-Węgrzyn A (*see* Caubet et al). 2011;128:1386-8
Nowak-Węgrzyn A (*see* Kattan et al). 2011;128:215-8 (Letter to the Editor)
Nowak-Węgrzyn A (*see* Kattan et al). 2011;128:435 (Correspondence)
Nowak-Węgrzyn A (*see* Kim et al). 2011;128:125-31
Nowak-Węgrzyn A (*see* Maloney et al). 2011;128:214-5 (Letter to the Editor)
Nuñez R (*see* Carballada et al). 2011;128:1350-2 (Letter to the Editor)
Nuñez R, Carballada F, Gonzalez-Quintela A, Gomez-Rial J, Boquete M, Vidal C. Delayed mammalian meat–induced anaphylaxis due to galactose-α-1,3-galactose in 5 European patients. 2011;128:1122-4 (Letter to the Editor)

O

Ober C (*see* Loisel et al). 2011;128:524-31
Ober C (*see* Motika et al). 2011;128:774-9
Ocheltree E (*see* Pescovitz et al). 2011;128:1295-302
Ochs HD (*see* de la Fuente et al). 2011;128:139-46
Ochs HD (*see* Pescovitz et al). 2011;128:1295-302
Odermatt B (*see* Johansen et al). 2011;128:1286-94
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Okada S (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)
Olek S (*see* Passerini et al). 2011;128:1376-9 (Letter to the Editor)
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Ollert M (*see* Filipiak-Pittroff et al). 2011;128:1235-41
Ollert M (*see* Reginald et al). 2011;128:82-91
Ollert M (*see* Sturm et al). 2011;128:247-8 (Correspondence)
Olmedo O, Goldstein IF, Acosta L, Divjan A, Rundle AG, Chew GL, Mellins RB, Hoepner L, Andrews H, Lopez-Pintado S, Quinn JW, Perera FP, Miller RL, Jacobson JS, Perzanowski MS. Neighborhood differences in exposure and sensitization to cockroach, mouse, dust mite, cat, and dog allergens in New York City. 2011;128: 284-92
Olson AK (*see* Shrestha et al). 2011;128:677-80 (Letter to the Editor)

Omland Ø, Hjort C, Pedersen OF, Miller MR, Sigsgaard T. New-onset asthma and the effect of environment and occupation among farming and nonfarming rural subjects. 2011;128:761-5
Ong MJC (*see* Noel et al). 2011;128:422-4 (Letter to the Editor)
Onken A (*see* Filipiak-Pittroff et al). 2011;128:1235-41
Orange JS (*see* Jyonouchi et al). 2011;128:102-9
O'Byrne PM. Therapeutic strategies to reduce asthma exacerbations. 2011;128:257-63
O'Cull K (*see* Scott et al). 2011;128:56-63
O'Mahony L, Akdis M, Akdis CA. Regulation of the immune response and inflammation by histamine and histamine receptors. 2011;128:1153-62
Ortiz K (*see* Hong et al). 2011;128:374-81
Osei-Kumah A (*see* Prescott et al). 2011;128:886-7 (Letter to the Editor)
Oshima K (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)
Ota M (*see* Kohyama et al). 2011;128:1117-20 (Letter to the Editor)
O'Hehir R (*see* Turner et al). 2011;128:1363-5 (Letter to the Editor)
O'Malley BW (*see* Zhang et al). 2011;128:221-3 (Letter to the Editor)
Ownby DR (*see* Havstad et al). 2011;128:880-5
Oyoshi MK, Wang JYT, Geha RS. Immunization with modified vaccinia virus Ankara prevents eczema vaccinatum in a murine model of atopic dermatitis. 2011;128:890-2 (Letter to the Editor)
Ozcan E, Rauter I, Garibyan L, Dillon SR, Geha RS. Toll-like receptor 9, transmembrane activator and calcium-modulating cyclophilin ligand interactor, and CD40 synergize in causing B-cell activation. 2011;128:601-9
Ozen A (*see* Keles et al). 2011;128:808-15
Ozturk F, Bakirtas A, Ileri F, Turktas I. Efficacy and tolerability of systemic methylprednisolone in children and adolescents with chronic rhinosinusitis: A double-blind, placebo-controlled randomized trial. 2011;128:348-52

P

Page E (*see* Clark et al). 2011;128:838-46
Paget SA (*see* Chakravarty et al). 2011;128:1354-5 (Letter to the Editor)
Pahwa R (*see* Pallikkuth et al). 2011;128:1279-85
Pahwa S (*see* Pallikkuth et al). 2011;128:1279-85
Pai S-Y (*see* de la Fuente et al). 2011;128:139-46
Paigen B (*see* Peng et al). 2011;128:390-6
Paletz EM (*see* Slattery et al). 2011;128:668-71 (Letter to the Editor)
Pallikkuth S, Kanthikeel SP, Silva SY, Fischl M, Pahwa R, Pahwa S. Innate immune defects correlate with failure of antibody responses to H1N1/09 vaccine in HIV-infected patients. 2011;128:1279-85
Palma MS (*see* Santos et al). 2011;128:1367-9 (Letter to the Editor)
Palma P (*see* Cancrini et al). 2011;128:897-900 (Letter to the Editor)
Palmer JN (*see* Lai et al). 2011;128:1207-15
Palmer JN (*see* Zhang et al). 2011;128:221-3 (Letter to the Editor)
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Palumbo G (*see* Cancrini et al). 2011;128:897-900 (Letter to the Editor)
Pan-Hammarström Q (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)
Panetta V (*see* Matricardi et al). 2011;128:791-9
Papachristou C (*see* Motika et al). 2011;128:774-9
Papinazath T, Min W, Sujiththa S, Cohen A, Ackerley C, Roifman CM, Grunebaum E. Effects of purine nucleoside phosphorylase deficiency on thymocyte development. 2011;128:854-63
Pappas TE (*see* Guilbert et al). 2011;128:532-8
Paradis J (*see* Des Roches et al). 2011;128:248-9 (Correspondence)
Paradis L (*see* Des Roches et al). 2011;128:248-9 (Correspondence)
Park BK (*see* El-Ghaiesh et al). 2011;128:680-3 (Letter to the Editor)
Park H-S (*see* Lee et al). 2011;128:1326-34
Park JH, Godbold JH, Chung D, Sampson HA, Wang J. Comparison of cetirizine and diphenhydramine in the treatment of acute food-induced allergic reactions. 2011;128:1127-8 (Letter to the Editor)
Parsons F (*see* Collins et al). 2011;128:301-7
Pascual RM (*see* Moore et al). 2011;128:328-36
Passerini L, Olek S, Di Nunzio S, Barzaghi F, Hambleton S, Abinun M, Tommasini A, Vignola S, Cipolli M, Amendola M, Naldini L, Guidi L, Cecconi M, Roncarolo MG, Bacchetta R. Forkhead box protein 3 *(FOXP3)* mutations lead to increased T_H17 cell numbers and regulatory T-cell instability. 2011;128:1376-9 (Letter to the Editor)
Patel DA, Holdford DA, Edwards E, Carroll NV. Estimating the economic burden of food-induced allergic reactions and anaphylaxis in the United States. 2011;128:110-5
Patel H (*see* Shrestha et al). 2011;128:677-80 (Letter to the Editor)
Patel KV (*see* Hanania et al). 2011;128:S4-24
Patil SP, Wang J, Song Y, Noone S, Yang N, Wallenstein S, Sampson HA, Li X-M. Clinical safety of Food Allergy Herbal Formula-2 (FAHF-2) and inhibitory effect on basophils from patients with food allergy: Extended phase I study. 2011;128:1259-65
Paul M (*see* Masilamani et al). 2011;128:1242-50
Paul ME (*see* Tison et al). 2011;128:1115-7 (Letter to the Editor)
Payne SC, Borish L, Steinke JW. Genetics and phenotyping in chronic sinusitis. 2011;128:710-20
Pearson C (*see* Hong et al). 2011;128:374-81
Pecaric-Petkovic T (*see* Gentinetta et al). 2011;128:1227-34
Pecquet C (*see* Nosbaum et al). 2011;128:1113 (Letter to the Editor)
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Penders J (*see* van Nimwegen et al). 2011;128:948-55
Peng RD (*see* Keet et al). 2011;128:414-6 (Letter to the Editor)
Peng RD, Paigen B, Eggleston PA, Hagberg KA, Krevans M, Curtin-Brosnan J, Benson C, Shreffler WG, Matsui EC. Both the variability and level of mouse allergen exposure influence the phenotype of the immune response in workers at a mouse facility. 2011;128:390-6
Pereda J (*see* Roca-Ferrer et al). 2011;128:66-72
Perelman JM (*see* Li et al). 2011;128:626-34
Perera FP (*see* Olmedo et al). 2011;128:284-92
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Pescovitz MD, Torgerson TR, Ochs HD, Ocheltree E, McGee P, Krause-Steinrauf H, Lachin JM, Canniff J, Greenbaum C, Herold KC, Skyler JS, Weinberg A. Effect of rituximab on human *in vivo* antibody immune responses. 2011;128:1295-302
Pessach IM (*see* de la Fuente et al). 2011;128:139-46
Pessler F (*see* von Jagwitz et al). 2011;128:50-5
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Poorafshar M (*see* Ito et al). 2011;128:673-5 (Letter to the Editor)
Poposki JA, Uzzaman A, Nagarkar DR, Chustz RT, Peters AT, Suh LA, Carter R, Norton J, Harris KE, Grammer LC, Tan BK, Chandra RK, Conley DB, Kern RC, Schleimer RP, Kato A. Increased expression of the chemokine CCL23 in eosinophilic chronic rhinosinusitis with nasal polyps. 2011;128:73-81
Portman MA (*see* Shrestha et al). 2011;128:677-80 (Letter to the Editor)
Postma DS (*see* van Nimwegen et al). 2011;128:948-55
Postma DS (*see* Wijga et al). 2011;128:433-4 (Correspondence)
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Prakken BJ (*see* de Roock et al). 2011;128:1369-71 (Letter to the Editor)
Pratley RE (*see* Dixon et al). 2011;128:508-15
Prescott SL, Tulic M, Osei-Kumah A, Richman T, Crook M, Martino D, Dunstan JA, Novakovic B, Saffery R, Clifton VL. Reduced placental FOXP3 associated with subsequent infant allergic disease. 2011;128:886-7 (Letter to the Editor)
Preston-Hurlburt P (*see* Albrecht et al). 2011;128:168-77
Priolo C (*see* Apter et al). 2011;128:516-23
Probst-Hensch N (*see* Ramasamy et al). 2011;128:996-1005
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Puddicombe SM (*see* Xiao et al). 2011;128:549-56
Puel A (*see* Audry et al). 2011;128:610-7
Pujols L (*see* Roca-Ferrer et al). 2011;128:66-72
Pullman WE (*see* Sheffer et al). 2011;128:153-9
Putnam PE (*see* DeBrosse et al). 2011;128:132-8
Putnam PE (*see* Liacouras et al). 2011;128:3-20
Puxeddu I (*see* Xiao et al). 2011;128:549-56

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Qu Y (*see* Li et al). 2011;128:1318-25
Quinn D (*see* Nicholson et al). 2011;128:800-7
Quinn JW (*see* Olmedo et al). 2011;128:284-92
Quinto KB, Zuraw BL, Poon K-YT, Chen W, Schatz M, Christiansen SC. The association of obesity and asthma severity and control in children. 2011;128:964-9
Quirce S (*see* Bernstein et al). 2011;128:418-20 (Letter to the Editor)
Quirce S (*see* Twaroch et al). 2011;128:178-84

R

Rabin RL (*see* Slater et al). 2011;128:434 (Correspondence)
Rabinovitch N, Reisdorph N, Silveira L, Gelfand EW. Urinary leukotriene E_4 levels identify children with tobacco smoke exposure at risk for asthma exacerbation. 2011;128:323-7
Rachid R, Castells M, Cunningham-Rundles C, Bonilla FA. Association of anti-IgA antibodies with adverse reactions to γ-globulin infusion. 2011;128:228-30 (Letter to the Editor)
Rachid R, Leslie D, Schneider L, Twarog F. Reply. 2011;128:251-2 (Correspondence)
Rachid R, Leslie D, Schneider L, Twarog F. Reply. 2011;128:905 (Correspondence)
Racioppi L (*see* Cancrini et al). 2011;128:897-900 (Letter to the Editor)
Radford-Weiss I (*see* Lagresle-Peyrou et al). 2011;128:230-2 (Letter to the Editor)
Rafaels NM (*see* De Benedetto et al). 2011;128:242-6 (Letter to the Editor)
Raherison C (*see* Matheson et al). 2011;128:816-23
Ramachandran S (*see* Zeiger et al). 2011;128:983-8
Ramasamy A, Curjuric I, Coin LJ, Kumar A, McArdle WL, Imboden M, Leynaert B, Kogevinas M, Schmid-Grendelmeier P, Pekkanen J, Wjst M, Bircher AJ, Sovio U, Rochat T, Hartikainen A-L, Balding DJ, Jarvelin M-R, Probst-Hensch N, Strachan DP, Jarvis DL. A genome-wide meta-analysis of genetic variants associated with allergic rhinitis and grass sensitization and their interaction with birth order. 2011;128:996-1005
Ramsdell JW (*see* Hanania et al). 2011;128:S4-24
Ramsey AC, Deane PMG. Early-life risk factors and allergic rhinitis: Comparing European and US data. 2011;128:824-5 (Editorial)
Rand CS (*see* Apter et al). 2011;128:516-23
Randow S (*see* Toda et al). 2011;128:1022-30
Range U (*see* von Jagwitz et al). 2011;128:50-5
Ranney P (*see* Albrecht et al). 2011;128:168-77
Rauter I (*see* Fried et al). 2011;128:226-8 (Letter to the Editor)
Rauter I (*see* Ozcan et al). 2011;128:601-9
Rawat A (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)
Raymond D (*see* Dixon et al). 2011;128:508-15
Raymond M, Van VQ, Wakahara K, Rubio M, Sarfati M. Lung dendritic cells induce T_H17 cells that produce T_H2 cytokines, express GATA-3, and promote airway inflammation. 2011;128:192-201
Recher M (*see* de la Fuente et al). 2011;128:139-46
Redhu NS, Saleh A, Lee H-C, Halayko AJ, Ziegler SF, Gounni AS. IgE induces transcriptional regulation of thymic stromal lymphopoietin in human airway smooth muscle cells. 2011;128:892-6 (Letter to the Editor)
Reed CE. Asthma in the elderly: What we do not know yet but should find out. 2011;128:S1-3
Reed W (*see* Brickey et al). 2011;128:900-3 (Letter to the Editor)
Reese G (*see* Toda et al). 2011;128:1022-30
Reginald K, Westritschnig K, Linhart B, Focke-Tejkl M, Jahn-Schmid B, Eckl-Dorna J, Heratizadeh A, Stöcklinger A, Balic N, Spitzauer S, Niederberger V, Werfel T, Thalhamer J, Weidinger S, Novak N, Ollert M, Hirschl AM, Valenta R. *Staphylococcus aureus* fibronectin-binding protein specifically binds IgE from patients with atopic dermatitis and requires antigen presentation for cellular immune responses. 2011;128:82-91
Regueiro JR (*see* Marcus et al). 2011;128:1050-7
Reich K (*see* Maurer et al). 2011;128:202-9
Reichenbach J (*see* Audry et al). 2011;128:610-7
Reichenbach J (*see* Bianchi et al). 2011;128:687-8 (Correspondence)
Reichenbach J (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)
Reijmerink NE (*see* van Nimwegen et al). 2011;128:948-55
Reinartz SM, van Tongeren J, van Egmond D, de Groot EJJ, Fokkens WJ, van Drunen CM. Dendritic cells in nasal mucosa of subjects with different allergic sensitizations. 2011;128:887-90 (Letter to the Editor)
Reisdorph N (*see* Rabinovitch et al). 2011;128:323-7
Renaudin J-M (*see* Hasdenteufel et al). 2011;128:1356-7 (Letter to the Editor)
Renauld J-C (*see* Takahashi et al). 2011;128:1067-76
Renz H (*see* Brand et al). 2011;128:618-25
Renz H (*see* Kılıç et al). 2011;128:1058-66
Renz H, Autenrieth IB, Brandtzæg P, Cookson WO, Holgate S, von Mutius E, Valenta R, Haller D. Gene-environment interaction in chronic disease: A European Science Foundation Forward Look. 2011;128:S27-49
Resende VMF (*see* Santos et al). 2011;128:1367-9 (Letter to the Editor)
Rezaee F, Meednu N, Emo JA, Saatian B, Chapman TJ, Naydenov NG, De Benedetto A, Beck LA, Ivanov AI, Georas SN. Polyinosinic:polycytidylic acid induces protein kinase D–dependent disassembly of apical junctions and barrier dysfunction in airway epithelial cells. 2011;128:1216-24
Ribeil J-A (*see* Schneider et al). 2011;128:864-71
Richman T (*see* Prescott et al). 2011;128:886-7 (Letter to the Editor)
Richter JE (*see* Liacouras et al). 2011;128:3-20
Rider NL (*see* de la Fuente et al). 2011;128:139-46
Ring J (*see* Filipiak-Pittroff et al). 2011;128:1235-41
Rivera-Spoljaric K, Jaenicke M, Sridhar S, Krauss MJ, Garbutt JM, Bacharier LB, Strunk RC. Caregivers report a wide variety of early signs and symptoms of impending asthma exacerbations that are not different between

preschool and school-aged children. 2011;128:1109-11 (Letter to the Editor)
Rivier F (*see* Micol et al). 2011;128:382-9
Rizzi M, Neumann C, Fielding AK, Marks R, Goldacker S, Thaventhiran J, Tarzi MD, Schlesier M, Salzer U, Eibel H, Warnatz K, Finke J, Grimbacher B, Peter H-H. Outcome of allogeneic stem cell transplantation in adults with common variable immunodeficiency. 2011;128:1371-4 (Letter to the Editor)
Roberg KA (*see* Guilbert et al). 2011;128:532-8
Roca-Ferrer J, Garcia-Garcia FJ, Pereda J, Perez-Gonzalez M, Pujols L, Alobid I, Mullol J, Picado C. Reduced expression of COXs and production of prostaglandin E_2 in patients with nasal polyps with or without aspirin-intolerant asthma. 2011;128:66-72
Rochat T (*see* Ramasamy et al). 2011;128:996-1005
Rodman D (*see* Nicholson et al). 2011;128:800-7
Rodriguez E (*see* Filipiak-Pittroff et al). 2011;128:1235-41
Rodriguez-Cintrón W (*see* Galanter et al). 2011;128:37-43
Rodriguez-Cintrón W (*see* Schauberger et al). 2011;128:753-60
Rodriguez-Santana J (*see* Galanter et al). 2011;128:37-43
Rodriguez-Santana JR (*see* Schauberger et al). 2011;128:753-60
Roekevisch E (*see* Schram et al). 2011;128:353-9
Roesler J, Rösen-Wolff A. Redundant ability of phagocytes to kill *Aspergillus* species. 2011;128:686-7 (Correspondence)
Rogers GM (*see* Slattery et al). 2011;128:668-71 (Letter to the Editor)
Rogers L (*see* Hanania et al). 2011;128:S4-24
Roifman CM (*see* Marcus et al). 2011;128:1050-7
Roifman CM (*see* Papinazath et al). 2011;128:854-63
Rolland JM (*see* Turner et al). 2011;128:1363-5 (Letter to the Editor)
Röllinghoff M (*see* Kristiansen et al). 2011;128:S25-6
Romero Y (*see* Liacouras et al). 2011;128:3-20
Romieu I (*see* Schauberger et al). 2011;128:753-60
Romiti ML (*see* Cancrini et al). 2011;128:897-900 (Letter to the Editor)
Roncarolo MG (*see* Passerini et al). 2011;128:1376-9 (Letter to the Editor)
Rondón C, Campo P, Herrera R, Blanca-Lopez N, Melendez L, Canto G, Torres MJ, Blanca M. Nasal allergen provocation test with multiple aeroallergens detects polysensitization in local allergic rhinitis. 2011;128:1192-7
Rose-Zerilli MJ (*see* Schauberger et al). 2011;128:753-60
Rosen KE (*see* Saini et al). 2011;128:567-73
Rösen-Wolff A (*see* Roesler et al). 2011;128:686-7 (Correspondence)
Rosenzwajg M (*see* Geri et al). 2011;128:655-64
Roskams T (*see* Moshous et al). 2011;128:847-53
Rossi P (*see* Cancrini et al). 2011;128:897-900 (Letter to the Editor)
Roth LA (*see* Galanter et al). 2011;128:37-43
Roth RM (*see* Zeiger et al). 2011;128:412-4 (Letter to the Editor)
Rothenberg ME, Bousquet J. News Beyond Our Pages. 2011;128:1-2, 255-6, 437-8, 691-2, 913-4, 1137-8
Rothenberg ME (*see* Liacouras et al). 2011;128:3-20
Rothenberg ME (*see* Sherrill et al). 2011;128:23-32
Rothers J, Halonen M, Stern DA, Lohman IC, Mobley S, Spangenberg A, Anderson D, Wright AL. Adaptive cytokine production in early life differentially predicts total IgE levels and asthma through age 5 years. 2011;128:397-402
Rothers J, Wright AL, Stern DA, Halonen M, Camargo CA. Cord blood 25-hydroxyvitamin D levels are associated with aeroallergen sensitization in children from Tucson, Arizona. 2011;128:1093-9
Roujeau J-C, Bricard G, Nicolas J-F. Drug-induced epidermal necrolysis: Important new piece to end the puzzle. 2011;128:1277-8 (Editorial)
Rubio M (*see* Raymond et al). 2011;128:192-201
Ruchelli E (*see* Liacouras et al). 2011;128:3-20
Ruëff F (*see* Maurer et al). 2011;128:202-9
Ruiz-García M, García del Potro M, Fernández-Nieto M, Barber D, Jimeno-Nogales L, Sastre J. Profilin: A relevant aeroallergen? 2011;128:416-8 (Letter to the Editor)
Rundle AG (*see* Olmedo et al). 2011;128:284-92

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Saadoun D (*see* Geri et al). 2011;128:655-64
Saams J (*see* Noel et al). 2011;128:422-4 (Letter to the Editor)
Saatian B (*see* Rezaee et al). 2011;128:1216-24
Sabbadini MG (*see* Della-Torre et al). 2011;128:908-11
Sacchetti M (*see* Lambiase et al). 2011;128:896-7 (Letter to the Editor)
Saffery R (*see* Prescott et al). 2011;128:886-7 (Letter to the Editor)
Sagara H (*see* Kohyama et al). 2011;128:1117-20 (Letter to the Editor)
Saini S, Rosen KE, Hsieh H-J, Wong DA, Conner E, Kaplan A, Spector S, Maurer M. A randomized, placebo-controlled, dose-ranging study of single-dose omalizumab in patients with H_1-antihistamine–refractory chronic idiopathic urticaria. 2011;128:567-73
Saleh A (*see* Redhu et al). 2011;128:892-6 (Letter to the Editor)
Saltoun C (*see* Hanania et al). 2011;128:S4-24
Saltzman R (*see* Jyonouchi et al). 2011;128:102-9
Salzer U (*see* Rizzi et al). 2011;128:1371-4 (Letter to the Editor)
Sammut D (*see* Xiao et al). 2011;128:549-56
Sampson HA (*see* Kattan et al). 2011;128:215-8 (Letter to the Editor)
Sampson HA (*see* Kattan et al). 2011;128:435 (Correspondence)
Sampson HA (*see* Kim et al). 2011;128:125-31
Sampson HA (*see* Liacouras et al). 2011;128:3-20
Sampson HA (*see* Lieberman et al). 2011;128:1120-2 (Letter to the Editor)
Sampson HA (*see* Masilamani et al). 2011;128:1242-50
Sampson HA (*see* Park et al). 2011;128:1127-8 (Letter to the Editor)
Sampson HA (*see* Patil et al). 2011;128:1259-65

Sampson HA (*see* Sicherer et al). 2011;128:249-50 (Correspondence)
Sampson HA (*see* Wang et al). 2011;128:834-7
Samuelson S (*see* Scott et al). 2011;128:56-63
Sanchez-Machín I (*see* Matheu et al). 2011;128:429 (Correspondence)
Sancho-Shimizu V (*see* Audry et al). 2011;128:610-7
Sanders EAM (*see* Kuijpers et al). 2011;128:1360-63 (Letter to the Editor)
Sanderson JP (*see* El-Ghaiesh et al). 2011;128:680-3 (Letter to the Editor)
Sands MF (*see* Hanania et al). 2011;128:S4-24
Santos C (*see* Wilson et al). 2011;128:1086-92
Santos KS, Galvao CE, Gadermaier G, Resende VMF, de Oliveira Martins C, Misumi DS, Yang AC, Ferreira F, Palma MS, Kalil J, Castro FFM. Allergic reactions to manioc (*Manihot esculenta* Crantz): Identification of novel allergens with potential involvement in latex-fruit syndrome. 2011;128:1367-9 (Letter to the Editor)
Sarfati M (*see* Raymond et al). 2011;128:192-201
Sastre J (*see* Bernstein et al). 2011;128:418-20 (Letter to the Editor)
Sastre J (*see* Ruiz-García et al). 2011;128:416-8 (Letter to the Editor)
Sato H (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)
Sato S (*see* Ito et al). 2011;128:673-5 (Letter to the Editor)
Saunders R (*see* Cruse et al). 2011;128:1303-9
Sayers I (*see* Koppelman et al). 2011;128:479-84
Scaramuzza S (*see* Cancrini et al). 2011;128:897-900 (Letter to the Editor)
Scarselli A (*see* Cancrini et al). 2011;128:897-900 (Letter to the Editor)
Schaaf B (*see* Filipiak-Pittroff et al). 2011;128:1235-41
Schäfer B (*see* Metz et al). 2011;128:424-6 (Letter to the Editor)
Schäkel K (*see* Maurer et al). 2011;128:202-9
Schalkwijk J (*see*Carballada et al). 2011;128:1352-4 (Letter to the Editor)
Schäppi MG (*see* Deffert et al). 2011;128:675-7 (Letter to the Editor)
Schatz M (*see* Namazy et al). 2011;128:1384-5
Schatz M (*see* Quinto et al). 2011;128:964-9
Schatz M (*see* Zeiger et al). 2011;128:412-4 (Letter to the Editor)
Schatz M (*see* Zeiger et al). 2011;128:983-8
Schatz M, Zeiger RS, Yang S-J, Chen W, Kosinski M. Further validation and definition of the psychometric properties of the Asthma Impact Survey. 2011;128:44-9
Schatz M, Zeiger RS. Improving asthma outcomes in large populations. 2011;128:273-7
Schauberger EM, Ewart SL, Arshad SH, Huebner M, Karmaus W, Holloway JW, Friderici KH, Ziegler JT, Zhang H, Rose-Zerilli MJ, Barton SJ, Holgate ST, Kilpatrick JR, Harley JB, Lajoie-Kadoch S, Harley ITW, Hamid Q, Kurukulaaratchy RJ, Seibold MA, Avila PC, Rodriguez-Cintrón W, Rodriguez-Santana JR, Hu D, Gignoux C, Romieu I, London SJ, Burchard EG, Langefeld CD, Wills-Karp M. Identification of *ATPAF1* as a novel candidate gene for asthma in children. 2011;128:753-60
Scheurer S (*see* Schülke et al). 2011;128:1340-8
Scheurer S (*see* Toda et al). 2011;128:1022-30
Scheynius A (*see* Balaji et al). 2011;128:92-9
Scheynius A (*see* Stenius et al). 2011;128:1335-9
Schleimer R (*see* Hong et al). 2011;128:374-81
Schleimer RP (*see* Poposki et al). 2011;128:73-81
Schleimer RP (*see* Tan et al). 2011;128:1198-206
Schlesier M (*see* Rizzi et al). 2011;128:1371-4 (Letter to the Editor)
Schmid-Grendelmeier P (*see* Ramasamy et al). 2011;128:996-1005
Schmidt P (*see* Bateman et al). 2011;128:315-22
Schmitt J (*see* Schram et al). 2011;128:353-9
Schneider E, Machavoine F, Bricard-Rignault R, Levasseur M, Petit-Bertron AF, Gautron S, Ribeil J-A, Launay J-M, Mecheri S, Côté F, Dy M. Downregulation of basophil-derived IL-4 and *in vivo* T_H2 IgE responses by serotonin and other organic cation transporter 3 ligands. 2011;128:864-71
Schneider L (*see* Rachid et al). 2011;128:251-2 (Correspondence)
Schneider L (*see* Rachid et al). 2011;128:905 (Correspondence)
Schneider LC (*see* De Benedetto et al). 2011;128:242-6 (Letter to the Editor)
Schneider LC (*see* Howell et al). 2011;128:1006-14
Schneider-Stock R (*see* Brand et al). 2011;128:618-25
Schnopp C (*see* Filipiak-Pittroff et al). 2011;128:1235-41
Schoepfer A (*see* Liacouras et al). 2011;128:3-20
Schoepfer AM (*see* Hruz et al). 2011;128:1349-50 (Letter to the Editor)
Schram ME, Roekevisch E, Leeflang MMG, Bos JD, Schmitt J, Spuls PI. A randomized trial of methotrexate versus azathioprine for severe atopic eczema. 2011;128:353-9
Schreier HMC (*see* Chen et al). 2011;128:970-6
Schröder-Babo W (*see* Kerstjens et al). 2011;128:308-14
Schroer KT, Gibson AM, Sivaprasad U, Bass SA, Ericksen MB, Wills-Karp M, LeCras T, Fitzpatrick AM, Brown LAS, Stringer KF, Khurana Hershey GK. Downregulation of glutathione S-transferase pi in asthma contributes to enhanced oxidative stress. 2011;128:539-48
Schülke S, Burggraf M, Waibler Z, Wangorsch A, Wolfheimer S, Kalinke U, Vieths S, Toda M, Scheurer S. A fusion protein of flagellin and ovalbumin suppresses the T_H2 response and prevents murine intestinal allergy. 2011;128:1340-8
Schulten V (*see* Toda et al). 2011;128:1022-30
Schwartz L (*see* Cox et al). 2011;128:210-2 (Letter to the Editor)
Schwarz A, Navid F, Sparwasser T, Clausen BE, Schwarz T. *In vivo* reprogramming of UV radiation–induced regulatory T-cell migration to inhibit the elicitation of contact hypersensitivity. 2011;128:826-33
Schwarz T (*see* Schwarz et al). 2011;128:826-33

Scott L, Morphew T, Bollinger ME, Samuelson S, Galant S, Clement L, O'Cull K, Jones F, Jones CA. Achieving and maintaining asthma control in inner-city children. 2011;128:56-63
Scotti R (*see* Della-Torre et al). 2011;128:908-11
Sedlmeier S (*see* Filipiak-Pittroff et al). 2011;128:1235-41
Seeborg FO (*see* Tison et al). 2011;128:1115-7 (Letter to the Editor)
Seger R (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)
Seibold MA (*see* Schauberger et al). 2011;128:753-60
Seilhean D (*see* Geri et al). 2011;128:655-64
Sekhsaria V, Dodd LE, Hsu AP, Heimall JR, Freeman AF, Ding L, Holland SM, Uzel G. Plasma metalloproteinase levels are dysregulated in signal transducer and activator of transcription 3 mutated hyper-IgE syndrome. 2011;128:1124-7 (Letter to the Editor)
Sen S (*see* Galanter et al). 2011;128:37-43
Sengupta K (*see* Maurer et al). 2011;128:202-9
Seyfried S (*see* Maurer et al). 2011;128:202-9
Shaheen NJ (*see* Liacouras et al). 2011;128:3-20
Sharma A (*see* Kumar et al). 2011;128:1077-85
Shearer WT (*see* Marcus et al). 2011;128:1050-7
Shearer WT (*see* Tison et al). 2011;128:1115-7 (Letter to the Editor)
Sheffer AL, Campion M, Levy RJ, Li HH, Horn PT, Pullman WE. Ecallantide (DX-88) for acute hereditary angioedema attacks: Integrated analysis of 2 double-blind, phase 3 studies. 2011;128:153-9
Shemer A (*see* Fujita et al). 2011;128:574-82
Shemer A (*see* Tintle et al). 2011;128:583-93
Sherrill JD, Rothenberg ME. Genetic dissection of eosinophilic esophagitis provides insight into disease pathogenesis and treatment strategies. 2011;128:23-32
Shi J (*see* Lai et al). 2011;128:1207-15
Shih H-Y (*see* Ko et al). 2011;128:1266-76
Shreffler WG (*see* Peng et al). 2011;128:390-6
Shrestha S, Wiener HW, Olson AK, Edberg JC, Bowles NE, Patel H, Portman MA. Functional *FCGR2B* gene variants influence intravenous immunoglobulin response in patients with Kawasaki disease. 2011;128:677-80 (Letter to the Editor)
Shukla J (*see* Wilson et al). 2011;128:1086-92
Shuster JJ (*see* Elmallah et al). 2011;128:1113-5 (Letter to the Editor)
Sicherer SH (*see* Kattan et al). 2011;128:215-8 (Letter to the Editor)
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Sicherer SH (*see* Kim et al). 2011;128:125-31
Sicherer SH (*see* Liacouras et al). 2011;128:3-20
Sicherer SH, Wood RA, Stablein D, Lindblad R, Burks AW, Liu AH, Jones SM, Fleischer DM, Leung DYM, Sampson HA. Reply. 2011;128:249-50 (Correspondence)
Sieder C (*see* Maurer et al). 2011;128:202-9
Sigmund R (*see* Kerstjens et al). 2011;128:308-14
Sigsgaard T (*see* Omland et al). 2011;128:761-5
Siler U (*see* Bianchi et al). 2011;128:687-8 (Correspondence)
Silva SY (*see* Pallikkuth et al). 2011;128:1279-85
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Simon JC (*see* Maurer et al). 2011;128:202-9
Simon MR (*see* Harduar-Morano et al). 2011;128:594-600
Simons FER (*see* Cox et al). 2011;128:210-2 (Letter to the Editor)
Simons FER, Simons KJ. Histamine and H_1-antihistamines: Celebrating a century of progress. 2011;128:1139-50
Simons KJ (*see* Simons et al). 2011;128:1139-50
Singh AM (*see* Guilbert et al). 2011;128:532-8
Singh S (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)
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Skov T (*see* Bisgaard et al). 2011;128:646-52
Skyler JS (*see* Pescovitz et al). 2011;128:1295-302
Slater JE, Rabin RL, Martin D. Comments on cow's milk allergy and diphtheria, tetanus, and pertussis vaccines. 2011;128:434 (Correspondence)
Slattery MJ, Essex MJ, Paletz EM, Vanness ER, Infante M, Rogers GM, Gern JE. Depression, anxiety, and dermatologic quality of life in adolescents with atopic dermatitis. 2011;128:668-71 (Letter to the Editor)
Slifka MK (*see* De Benedetto et al). 2011;128:242-6 (Letter to the Editor)
Sly PD (*see* Collins et al). 2011;128:301-7
Smit HA (*see* Wijga et al). 2011;128:433-4 (Correspondence)
Smit LAM, Bouzigon E, Bousquet J, Le Moual N, Nadif R, Pin I, Lathrop M, Demenais F, Kauffmann F, Siroux V. Mold allergen sensitization in adult asthma according to integrin β3 polymorphisms and Toll-like receptor 2/+596 genotype. 2011;128:185-91
Smith B (*see* Bisgaard et al). 2011;128:646-52
Smith W (*see* Kette et al). 2011;128:430 (Correspondence)
Smits HH (*see* Hussaarts et al). 2011;128:733-9
Söderström L (*see* Ito et al). 2011;128:673-5 (Letter to the Editor)
Sohn MH (*see* Lee et al). 2011;128:1326-34
Soller L, Fragapane J, Ben-Shoshan M, Harrington DW, Alizadehfar R, Joseph L, St. Pierre Y, Godefroy SB, La Vieille S, Ellicott SJ, Clarke AE. Possession of epinephrine auto-injectors by Canadians with food allergies. 2011;128:426-8 (Letter to the Editor)
Sonar SS (*see* Kılıç et al). 2011;128:1058-66
Sones J (*see* Xiao et al). 2011;128:549-56
Song Y (*see* Patil et al). 2011;128:1259-65
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Sozanska B (*see* Loss et al). 2011;128:766-73
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Spillner E (*see* Hofmann et al). 2011;128:248 (Correspondence)
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Sposato S (*see* Lambiase et al). 2011;128:896-7 (Letter to the Editor)
Spuls PI (*see* Schram et al). 2011;128:353-9
Sridhar S (*see* Rivera-Spoljaric et al). 2011;128:1109-11 (Letter to the Editor)
St. Pierre Y (*see* Soller et al). 2011;128:426-8 (Letter to the Editor)
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Steinke JW (*see* Payne et al). 2011;128:710-20
Stelmach I (*see* Majak et al). 2011;128:1131-2 (Correspondence)
Stempel DA (*see* Hanania et al). 2011;128:S4-24
Stenius F, Borres M, Bottai M, Lilja G, Lindblad F, Pershagen G, Scheynius A, Swartz J, Theorell T, Alm J. Salivary cortisol levels and allergy in children: The ALADDIN birth cohort. 2011;128:1335-9
Stephan J-L (*see* Barlogis et al). 2011;128:420-2 (Letter to the Editor)
Stephan J-L (*see* Micol et al). 2011;128:382-9
Stern DA (*see* Rothers et al). 2011;128:1093-9
Stern DA (*see* Rothers et al). 2011;128:397-402
Stern G, de Jongste J, van der Valk R, Baraldi E, Carraro S, Thamrin C, Frey U. Fluctuation phenotyping based on daily fraction of exhaled nitric oxide values in asthmatic children. 2011;128:293-300
Sternthal MJ, Coull BA, Mathilda Chiu Y-H, Cohen S, Wright RJ. Associations among maternal childhood socioeconomic status, cord blood IgE levels, and repeated wheeze in urban children. 2011;128:337-45
Steur A (*see* de Roock et al). 2011;128:1369-71 (Letter to the Editor)
Stick SM (*see* Knight et al). 2011;128:557-8 (Editorial)
Stobberingh EE (*see* van Nimwegen et al). 2011;128:948-55
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Strachan DP (*see* Cookson et al). 2011;128:266-70
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Strunk RC (*see* Horner et al). 2011;128:977-82
Strunk RC (*see* Rivera-Spoljaric et al). 2011;128:1109-11 (Letter to the Editor)
Studer M (*see* Hasdenteufel et al). 2011;128:1356-7 (Letter to the Editor)
Sturm GJ, Hemmer W, Hawranek T, Lang R, Ollert M, Spillner E, Blank S, Bokanovic D, Aberer W. Detection of IgE to recombinant Api m 1 and rVes v 5 is valuable but not sufficient to distinguish bee from wasp venom allergy. 2011;128:247-8 (Correspondence)
Su Z (*see* Li et al). 2011;128:1318-25
Suarez F (*see* Micol et al). 2011;128:382-9
Suarez F (*see* Moshous et al). 2011;128:847-53
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Sykes A (*see* Jackson et al). 2011;128:1165-74
Syn W-K (*see* El-Ghaiesh et al). 2011;128:680-3 (Letter to the Editor)
Szczeklik A. Hypersensitivity to systemic corticosteroids in aspirin-sensitive patients with asthma. 2011;128:904-5 (Correspondence)
Szefler SJ (*see* Guilbert et al). 2011;128:956-63
Szefler SJ (*see* Horner et al). 2011;128:977-82
Szefler SJ (*see* Leung et al). 2011;128:35-6, 282-3, 506-7, 751-2, 946-7, 1175
Szefler SJ. Advancing asthma care: The glass is only half full! 2011;128:485-94
Szefler SJ. Is it time to revise the asthma guidelines? 2011;128:937-8 (Editorial)

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Tabak C (*see* Wijga et al). 2011;128:433-4 (Correspondence)
Takada H (*see* Marcus et al). 2011;128:1050-7
Takada H (*see* Nakagawa et al). 2011;128:223-5 (Letter to the Editor)

Takahashi K, Hirose K, Kawashima S, Niwa Y, Wakashin H, Iwata A, Tokoyoda K, Renauld J-C, Iwamoto I, Nakayama T, Nakajima H. IL-22 attenuates IL-25 production by lung epithelial cells and inhibits antigen-induced eosinophilic airway inflammation. 2011;128:1067-76
Takano H (*see* Inoue et al). 2011;128:906 (Correspondence)
Tan AJ (*see* Nicholson et al). 2011;128:800-7
Tan BK (*see* Poposki et al). 2011;128:73-81
Tan BK, Li Q-Z, Suh L, Kato A, Conley DB, Chandra RK, Zhou J, Norton J, Carter R, Hinchcliff M, Harris K, Peters A, Grammer LC, Kern RC, Mohan C, Schleimer RP. Evidence for intranasal antinuclear autoantibodies in patients with chronic rhinosinusitis with nasal polyps. 2011;128:1198-206
Tan Z (*see* Loisel et al). 2011;128:524-31
Tanaka A (*see* Ito et al). 2011;128:673-5 (Letter to the Editor)
Tardieu M (*see* Micol et al). 2011;128:382-9
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Taylor DR. Using biomarkers in the assessment of airways disease. 2011;128:927-34
Taylor PA (*see* Howell et al). 2011;128:1006-14
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Thijs C (*see* van Nimwegen et al). 2011;128:948-55
Thomas A, Lemanske RF, Jackson DJ. Approaches to stepping up and stepping down care in asthmatic patients. 2011;128:915-24
Thomas C (*see* Micol et al). 2011;128:382-9
Ting JPY (*see* Brickey et al). 2011;128:900-3 (Letter to the Editor)
Tintle S (*see* Fujita et al). 2011;128:574-82
Tintle S, Shemer A, Suárez-Fariñas M, Fujita H, Gilleaudeau P, Sullivan-Whalen M, Johnson-Huang L, Chiricozzi A, Cardinale I, Duan S, Bowcock A, Krueger JG, Guttman-Yassky E. Reversal of atopic dermatitis with narrow-band UVB phototherapy and biomarkers for therapeutic response. 2011;128:583-93
Tisler CJ (*see* Loisel et al). 2011;128:524-31
Tison BE, Nicholas SK, Abramson SL, Hanson IC, Paul ME, Seeborg FO, Shearer WT, Perez MD, Noroski LM, Chinen J. Autoimmunity in a cohort of 130 pediatric patients with partial DiGeorge syndrome. 2011;128:1115-7 (Letter to the Editor)
Toda M (*see* Schülke et al). 2011;128:1340-8
Toda M, Reese G, Gadermaier G, Schulten V, Lauer I, Egger M, Briza P, Randow S, Wolfheimer S, Kigongo V, del Mar San Miguel Moncin M, Fötisch K, Bohle B, Vieths S, Scheurer S. Protein unfolding strongly modulates the allergenicity and immunogenicity of Pru p 3, the major peach allergen. 2011;128:1022-30
Toelen J (*see* Moshous et al). 2011;128:847-53
Tokoyoda K (*see* Takahashi et al). 2011;128:1067-76
Tomassen P (*see* Van Crombruggen et al). 2011;128:728-32
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Torres MJ (*see* Montañez et al). 2011;128:685 (Correspondence)
Torres MJ (*see* Rondón et al). 2011;128:1192-7
Torres MJ, Chaves P, Doña I, Blanca-López N, Canto G, Mayorga C, Blanca M. T-cell involvement in delayed-type hypersensitivity reactions to infliximab. 2011;128:1365-7 (Letter to the Editor)
Tost J (*see* Brand et al). 2011;128:618-25
Touzot M (*see* Geri et al). 2011;128:655-64
Tovey ER, Marks GB. It's time to rethink mite allergen avoidance. 2011;128:723-30
Trabetti E (*see* Belpinati et al). 2011;128:667-8 (Letter to the Editor)
Tran T-A (*see* Geri et al). 2011;128:655-64
Tréchot P (*see* Mertes et al). 2011;128:366-73
Tresoldi M (*see* Della-Torre et al). 2011;128:908-11
Trethewey A (*see* Chen et al). 2011;128:970-6
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Tsai M (*see* Metz et al). 2011;128:424-6 (Letter to the Editor)
Tulic M (*see* Prescott et al). 2011;128:886-7 (Letter to the Editor)
Turktas I (*see* Ozturk et al). 2011;128:348-52
Turner PJ, Gray PEA, Wong M, Varese N, Rolland JM, O'Hehir R, Campbell DE. Anaphylaxis to apple and orange seed. 2011;128:1363-5 (Letter to the Editor)
Turner SW (*see* Hayden et al). 2011;128:237-9 (Letter to the editor)
Twaroch TE, Focke M, Civaj V, Weber M, Balic N, Mari A, Ferrara R, Quirce S, Spitzauer S, Swoboda I, Valenta R. Carrier-bound, nonallergenic Ole e 1 peptides for vaccination against olive pollen allergy. 2011;128:178-84
Twarog F (*see* Rachid et al). 2011;128:251-2 (Correspondence)
Twarog F (*see* Rachid et al). 2011;128:905 (Correspondence)

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Urban CF (*see* Bianchi et al). 2011;128:687-8 (Correspondence)
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Vallée L (*see* Micol et al). 2011;128:382-9
Van Bruaene N (*see* Gevaert et al). 2011;128:989-95
Van Crombruggen K, Zhang N, Gevaert P, Tomassen P, Bachert C. Pathogenesis of chronic rhinosinusitis: Inflammation. 2011;128:728-32
van den Brandt PA (*see* van Nimwegen et al). 2011;128: 948-55
van der Burg M (*see* Kuijpers et al). 2011;128:1360-63 (Letter to the Editor)
van der Heide S (*see* van der Zee et al). 2011;128:1031-6
van der Meer JWM (*see*Carballada et al). 2011;128:1352-4 (Letter to the Editor)
van der Valk R (*see* Stern et al). 2011;128:293-300
van der Vlugt LEPM (*see* Hussaarts et al). 2011;128:733-9
van der Zee T, Dubois A, Kerkhof M, van der Heide S, Vlieg-Boerstra B. The eliciting dose of peanut in double-blind, placebo-controlled food challenges decreases with increasing age and specific IgE level in children and young adults. 2011;128:1031-6
van Drunen CM (*see* Reinartz et al). 2011;128:887-90 (Letter to the Editor)
van Egmond D (*see* Reinartz et al). 2011;128:887-90 (Letter to the Editor)
van Lier RAW (*see* Kuijpers et al). 2011;128:1360-63 (Letter to the Editor)
van Neerven RJJ (*see* Loss et al). 2011;128:766-73
van Nimwegen FA, Penders J, Stobberingh EE, Postma DS, Koppelman GH, Kerkhof M, Reijmerink NE, Dompeling E, van den Brandt PA, Ferreira I, Mommers M, Thijs C. Mode and place of delivery, gastrointestinal microbiota, and their influence on asthma and atopy. 2011;128:948-55
van Noord JA (*see* Kerstjens et al). 2011;128:308-14
Van Snick J (*see* Bullens et al). 2011;128:234-7 (Letter to the Editor)
Van Steen K (*see* Gevaert et al). 2011;128:989-95
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Vignola S (*see* Passerini et al). 2011;128:1376-9 (Letter to the Editor)
Vilgrain I (*see* Bouillet et al). 2011;128:232-4 (Letter to the Editor)
Vishwanath S, Baroody FM, Chaaban MR, deTineo M, Lasser KH, Lasser EC, Naclerio RM. Topical intranasal ioxaglate meglumine 39.3% and ioxaglate sodium 19.6% (Hexabrix) reduces the acute response to nasal challenge with allergen. 2011;128:219-21 (Letter to the Editor)
Visness CM (*see* Wang et al). 2011;128:834-7
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Vitale M (*see* Lieberman et al). 2011;128:1120-2 (Letter to the Editor)
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Vogelberg C (*see* von Jagwitz et al). 2011;128:50-5
von Berg A (*see* Filipiak-Pittroff et al). 2011;128:1235-41
von Jagwitz M, Pessler F, Akmatov M, Li J, Range U, Vogelberg C. Reduced breath condensate pH in asymptomatic children with prior wheezing as a risk factor for asthma. 2011;128:50-5
von Mutius E (*see* Brand et al). 2011;128:618-25
von Mutius E (*see* Loss et al). 2011;128:766-73
von Mutius E (*see* Renz et al). 2011;128:S27-49

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Wan C-K (*see* Kulis et al). 2011;128:212-4 (Letter to the Editor)
Wan D (*see* Gentinetta et al). 2011;128:1227-34
Wang B, Jia J, Zhang X, Zcharia E, Vlodavsky I, Pejler G, Li J-P. Heparanase affects secretory granule homeostasis of murine mast cells through degrading heparin. 2011;128: 1310-7
Wang G (*see* Hong et al). 2011;128:374-81
Wang J (*see* Maloney et al). 2011;128:214-5 (Letter to the Editor)
Wang J (*see* Park et al). 2011;128:1127-8 (Letter to the Editor)
Wang J (*see* Patil et al). 2011;128:1259-65
Wang J, Calatroni A, Visness CM, Sampson HA. Correlation of specific IgE to shrimp with cockroach and dust mite exposure and sensitization in an inner-city population. 2011;128:834-7
Wang JYT (*see* Oyoshi et al). 2011;128:890-2 (Letter to the Editor)

Wang W (*see* Corrigan et al). 2011;128:116-24
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Waser M (*see* Loss et al). 2011;128:766-73
Wasserman RL, Sugerman RW, Mansfield L, Baker JW. Reply. 2011;128:251 (Correspondence)
Wasserman SI (*see* Hanania et al). 2011;128:S4-24
Wasserman SI. Maintenance of certification and maintenance of professionalism. 2011;128:465-6 (Editorial)
Waterland RA (*see* Brand et al). 2011;128:618-25
Watkins S (*see* Harduar-Morano et al). 2011;128:594-600
Waton J (*see* Hasdenteufel et al). 2011;128:1356-7 (Letter to the Editor)
Webb L, Petersen M, Boden S, LaBelle V, Bird JA, Howell D, Burks AW, Laubach S. Single-dose influenza vaccination of patients with egg allergy in a multicenter study. 2011;128:218-9 (Letter to the Editor)
Weber J (*see* Loss et al). 2011;128:766-73
Weber M (*see* Twaroch et al). 2011;128:178-84
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Wiener HW (*see* Shrestha et al). 2011;128:677-80 (Letter to the Editor)
Wieringa MH (*see* Wijga et al). 2011;128:433-4 (Correspondence)
Wijga A, Tabak C, Postma DS, Kerkhof M, Wieringa MH, Hoekstra MO, Brunekreef B, de Jongste JC, Smit HA. Reply. 2011;128:433-4 (Correspondence)
Williams LK, Peterson EL, Wells K, Ahmedani BK, Kumar R, Burchard EG, Chowdhry VK, Favro D, Lanfear DE, Pladevall M. Quantifying the proportion of severe asthma exacerbations attributable to inhaled corticosteroid nonadherence. 2011;128:1185-91
Wills-Karp M (*see* Schauberger et al). 2011;128:753-60
Wills-Karp M (*see* Schroer et al). 2011;128:539-48
Wilson SR (*see* Hanania et al). 2011;128:S4-24
Wilson TM, Maric I, Shukla J, Brown M, Santos C, Simakova O, Khoury P, Fay MP, Kozhich A, Kolbeck R, Metcalfe DD, Klion AD. IL-5 receptor α levels in patients with marked eosinophilia or mastocytosis. 2011;128:1086-92
Wise RA (*see* Hanania et al). 2011;128:S4-24
Wjst M (*see* Matheson et al). 2011;128:816-23
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Xiao C, Puddicombe SM, Field S, Haywood J, Broughton-Head V, Puxeddu I, Haitchi HM, Vernon-Wilson E, Sammut D, Bedke N, Cremin C, Sones J, Djukanović R, Howarth PH, Collins JE, Holgate ST, Monk P, Davies DE. Defective epithelial barrier function in asthma. 2011;128:549-56
Xie T (*see* Liang et al). 2011;128:403-11
Xumerle L (*see* Belpinati et al). 2011;128:667-8 (Letter to the Editor)

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Yao W, Tepper RS, Kaplan MH. Predisposition to the development of IL-9–secreting T cells in atopic infants. 2011;128:1357-60 (Letter to the Editor)
Yawn BP (*see* Hanania et al). 2011;128:S4-24
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Zeiger RS, Mellon M, Chipps B, Murphy KR, Schatz M, Kosinski M, Lampl K, Ramachandran S. Test for Respiratory and Asthma Control in Kids (TRACK): Clinically meaningful changes in score. 2011;128:983-8
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Zhang Z, Linkin DR, Finkelman BS, O'Malley BW, Thaler ER, Doghramji L, Kennedy DW, Cohen NA, Palmer JN. Asthma and biofilm-forming bacteria are independently associated with revision sinus surgeries for chronic rhinosinusitis. 2011;128:221-3 (Letter to the Editor)
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Effect of partially hydrolyzed whey infant formula and prolonged breast-feeding on the risk of allergic disease in high-risk children (Hill et al). 2011;128: 689 (Letter reply)

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Continuing Medical Education examination. 2011;128:21-2, 33-4, 264-5, 271-2, 449-50, 463-4, 708-9, 721-2, 925-6, 935-6, 1346-8, 1151-2

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National Institute on Aging (NIA)
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Asthma in the elderly: what we do not know yet but should find out (Reed). 2011;128:S1-S3

Natural helper cells
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Gene polymorphisms, breast-feeding, and food sensitization in early childhood (Leung and Szefler). 2011;128:283 (The editors' choice)

Genetic dissection of eosinophilic esophagitis provides insight into disease pathogenesis and treatment strategies (Sherrill and Rothenberg). 2011;128:23-32

Hexamethylene diisocyanate asthma is associated with genetic polymorphisms of CD14, IL-13, and IL-4 receptor α (Bernstein et al). 2011;128:418-20 (Letter to the editor)

Identification of *ATPAF1* as a novel candidate gene for asthma in children (Schauberger). 2011;128: 753-60

Monocyte chemotactic protein *(MCP_3)* promoter polymorphism is associated with atopic asthma in the Indian population (Batra et al). 2011;128: 239-42 (Letter to the editor)

Polymorphisms of the *CYP2C19* gene in Japanese patients with aspirin-exacerbated respiratory disease (Kohyama et al). 2011;128:1117-20 (Letter to the editor)

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Maintenance of certification: asthma and pregnancy (Namazy and Schatz). 2011;128:1384-5 (Editorial)

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Peanut allergy and the impact of maternal consumption during pregnancy and breast-feeding (Sicherer et al). 2011;128:249-50 (Letter reply)

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Sensitization

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Children in the inner city of New York have high rates of food allergy and IgE sensitization to common foods (Maloney et al). 2011;128:214-5 (Letter to the editor)

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Reduced diversity of the intestinal microbiota during infancy is associated with increased risk of allergic disease at school age (Bisgaard et al). 2011;128: 646-52

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Evidence for intranasal antinuclear autoantibodies in patients with chronic rhinosinusitis with nasal polyps (Tan et al). 2011;128:1198-206

Genetics and phenotyping in chronic sinusitis (Payne et al). 2011;128:710-20

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In vivo reprogramming of UV radiation–induced regulatory T-cell migration to inhibit the elicitation of contact hypersensitivity (Schwarz et al). 2011;128:826-33
Regulation of T_H17 and regulatory T cells in patients with Behçet disease (Direskeneli et al). 2011;128: 665-6 (Editorial)
Regulatory B-cell induction by helminths: implications for allergic disease (Hussaarts et al). 2011;128:733-9 (Current perspectives)

Test for Respiratory and Asthma Control in Kids (TRACK)
Clinically meaningful change determined for a toddler respiratory control tool (Leung and Szefler). 2011;128:946 (The editors' choice)
Test for Respiratory and Asthma Control in Kids (TRACK): clinically meaningful changes in score (Zeiger et al). 2011;128:983-8

Thioredoxin
Autoreactive $CD4^+$ T cells in patients with atopic dermatitis (James and Kwok). 2011;128:100-1 (Editorial)
Malassezia sympodialis thioredoxin–specific T cells are highly cross-reactive to human thioredoxin in atopic dermatitis (Balaji et al). 2011;128:92-9

Thymic stromal lymphopoietin
IgE induces transcriptional regulation of thymic stromal lymphopoietin in human airway smooth muscle cells (Redhu et al). 2011;128:892-6 (Letter to the editor)
Short ragweed pollen triggers allergic inflammation through Toll-like receptor 4–dependent thymic stromal lymphopoietin/OX40 ligand/OX40 signaling pathways (Li et al). 2011;128:1318-25
Thymic stromal lymphopoietin orchestrates basophil maturation to a distinct T_H2 phenotype (Rothenberg and Bousquet). 2011;128:913 (News beyond our pages)

Thymus gland
Can T-cell defects in patients with purine nucleoside phosphorylase deficiency be corrected? (Leung and Szefler). 2011;128:752 (The editors' choice)
Effects of purine nucleoside phosphorylase deficiency on thymocyte development (Papinazath et al). 2011;128:854-63
Tight junctions
Defective epithelial barrier function in asthma (Xiao et al). 2011;128:549-56
Defective function at the epithelial junction: a novel therapeutic frontier in asthma? (Knight et al). 2011;128:557-8 (Editorial)
Tiotropium
Bronchodilatation in patients with severe, persistently obstructed asthma: a role for tiotropium? (Leung and Szefler). 2011;128:282 (The editors' choice)
Tiotropium improves lung function in patients with severe uncontrolled asthma: a randomized controlled trial (Kerstjens et al). 2011;128:308-14
Tiotropium is noninferior to salmeterol in maintaining improved lung function in B16-Arg/Arg patients with asthma (Bateman et al). 2011;128:315-22
Tobacco
Urinary leukotriene E_4 level identifies tobacco smoke–exposed children with asthma exacerbations (Leung and Szefler). 2011;128:282 (The editors' choice)
Urinary leukotriene E_4 levels identify children with tobacco smoke exposure at risk for asthma exacerbation (Rabinovitch et al). 2011;128:323-7
Tolerance; *see* Immune tolerance
Toll-like receptors
NEMO is a key component of NF-kB– and IRF-3–dependent TLR_3-mediated immunity to herpes simplex virus (Audry et al). 2011;128:610-7
Polyinosinic:polycytidylic acid induces protein kinase D-dependent disassembly of apical junctions and barrier dysfunction in airway epithelial cells (Rezaee et al). 2011;128:1216-24
Toll-like receptor 9, transmembrane activator and calcium-modulating cyclophilin ligand interactor, and CD40 synergize in causing B-cell activation (Ozcan et al). 2011;128:601-9
Tomography
Efficacy and tolerability of systemic methylprednisolone in children and adolescents with chronic rhinosinusitis: a double-blind, placebo-controlled randomized trial (Ozturk et al). 2011;128:348-52
Transforming growth factors
Impaired antioxidant production in patients with severe asthma (Rothenberg and Woodward). 2011;128:1137 (News beyond our pages)
Transmembrane activator and CAML Interactor Protein
Functional analysis of transmembrane activator and calcium-modulating cyclophilin ligand interactor (TACI) mutations associated with common variable immunodeficiency (Fried et al). 2011;128:226-8 (Letter to the editor)
Toll-like receptor 9, transmembrane activator and calcium-modulating cyclophilin ligand interactor, and CD40 synergize in causing B-cell activation (Ozcan et al). 2011;128:601-9
Transplants; *see* Bone marrow transplantation; Hematopoietic stem cell transplantation; Stem cell transplantation
TRPM8 protein
Cold temperature induces mucin hypersecretion from normal human bronchial epithelial cells *in vitro* through a transient receptor potential melastatin 8 (TRPM8)–mediated mechanism (Li et al). 2011;128:626-34
Tumor necrosis factor
TNF-α blockade in chronic granulomatous disease–induced hyperinflammation: patient analysis and murine model (Deffert et al). 2011;128:675-7 (Letter to the editor)

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Ultraviolet rays
In vivo reprogramming of UV radiation–induced regulatory T-cell migration to inhibit the elicitation of contact hypersensitivity (Schwarz et al). 2011;128:826-33
Ultraviolet therapy
Biomarkers for therapeutic response of atopic dermatitis to narrow-band UVB (Leung and Szefler). 2011;128:507 (The editors' choice)
Reversal of atopic dermatitis with narrow-band UVB phototherapy and biomarkers for therapeutic response (Tintle et al). 2011;128:583-93
Urban health
Achieving and maintaining asthma control in inner-city children (Scott et al). 2011;128:56-63
Associations among maternal childhood socioeconomic status, cord blood IgE levels, and repeated wheeze in urban children (Sternthal et al). 2011;128:337-45
Children in the inner city of New York have high rates of food allergy and IgE sensitization to common foods (Maloney et al). 2011;128:214-5 (Letter to the editor)
Inner-city asthma: Control can be achieved! (Gruchalla). 2011;128:64-5 (Editorial)
Neighborhood differences in exposure and sensitization to cockroach, mouse, dust mite, cat, and dog allergens in New York City (Olmedo et al). 2011;128:284-92
Urticaria
A randomized, placebo-controlled, dose-ranging study of single-dose omalizumab in patients with H_1-antihistamine–refractory chronic idiopathic urticaria (Saini et al). 2011;128:567-73

Efficacy and safety of omalizumab in patients with chronic urticaria who exhibit IgE against thyroperoxidase (Maurer et al). 2011;128:202-9
Individual IL-3 priming is crucial for consistent *in vitro* activation of donor basophils in patients with chronic urticaria (Gentinetta et al). 2011;128: 1227-34
Phase II study of omalizumab shows significant improvement in urticaria symptoms (Leung and Szefler). 2011;128:506 (The editors' choice)
Rituximab successfully treats refractory chronic autoimmune urticaria caused by IgE receptor autoantibodies (Chakravarty et al). 2011;128: 1354-5 (Letter to the editor)

V

Vaccinia virus
Immunization with modified vaccinia virus Ankara prevents eczema vaccinatum in a murine model of atopic dermatitis (Oyoshi et al). 2011;128:890-2 (Letter to the editor)
Vascular endothelial cells
Endothelial progenitors home to lungs on allergen challenge in human subjects (Rothenberg and Bousquet). 2011;128:437 (News beyond our pages)
Vasculitis
Critical role of IL-21 in modulating T_H17 and regulatory T cells in Behçet disease (Geri et al). 2011;128:655-64
Vehicle emissions
Particulate matter–induced hypersusceptibility to infection (Inoue and Takano). 2011;128:906 (Correspondence)
Particulate matter–induced hypersusceptibility to infection (Grigg). 2011;128:906 (Letter reply)
Venom allergy
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Detection of IgE to recombinant Api m 1 and rVes v 5 is valuable but not sufficient to distinguish bee from wasp venom allergy (Hofmann et al). 2011;128:248 (Letter reply)
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Asthma exacerbations: origin, effect, and prevention (Jackson et al). 2011;128:1165-74
New insights into the natural history of asthma: primary prevention on the horizon (Martinez). 2011;128:939-45
The signal transducer and activator of transcription 6 gene *(STAT6)* increases the propensity of patients with atopic dermatitis toward disseminated viral skin infections (Howell et al). 2011;128:1006-14
Vitamin D
Age- and atopy-dependent effects of vitamin D on wheeze and asthma (Keet et al). 2011;128:414-6 (Letter to the editor)
Cord blood 25-hydroxyvitamin D levels are associated with aeroallergen sensitization in children from Tucson, Arizona (Rothers et al). 2011;128:1093-9
Increase in the group-specific component protein in asthmatic patients (Rothenberg and Bousquet). 2011;128:914 (News beyond our pages)
Methodologic considerations in trials assessing prevention of asthma exacerbation by vitamin D supplementation (Ahmadvand and Darabi). 2011;128:1131 (Correspondence)
Methodologic considerations in trials assessing prevention of asthma exacerbation by vitamin D supplementation (Majak and Stelmach). 2011;128: 1131-2 (Letter reply)

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Age- and atopy-dependent effects of vitamin D on wheeze and asthma (Keet et al). 2011;128:414-6 (Letter to the editor)
Associations among maternal childhood socioeconomic status, cord blood IgE levels, and repeated wheeze in urban children (Sternthal et al). 2011;128:337-45
Decreased lung function after preschool wheezing rhinovirus illnesses in children at risk to develop asthma (Guilbert et al). 2011;128:532-8
Decreased lung function after rhinovirus-induced wheezing illnesses in high-risk children (Leung and Szefler). 2011;128:506 (The editors' choice)
Evaluation of the child with recurrent wheezing (Bacharier). 2011;128:690-4
Exertional dyspnea and inspiratory stridor of 2 years' duration: a tale of 2 wheezes (Lim and Li). 2011;128:1135-6
House dust mite sensitization in toddlers predicts current wheeze at age 12 years (Lodge et al). 2011;128:782-8
Prevalence of asthma in young children (Kawada). 2011;128:432-3 (Correspondence)
Prevalence of asthma in young children (Wijga et al). 2011;128:433-4 (Letter reply)
Reduced breath condensate pH in asymptomatic children with prior wheezing as a risk factor for asthma (von Jagwitz et al). 2011;128:50-5
Symptom-based classification of wheeze: How does it work in infants? (Kotaniemi-Syrjänen et al). 2011;128:1111-2 (Letter to the editor)
Test for Respiratory and Asthma Control in Kids (TRACK): clinically meaningful changes in score (Zeiger et al). 2011;128:983-8